

**SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY SURAT**



ADMISSION INFORMATION BROCHURE

MASTER OF TECHNOLOGY (Research)

(With effect from Oct. 2014)

**ACADEMIC SESSION 2023-24
(Autumn Semester)**

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IMPORTANT INSTRUCTIONS

M. TECH. (Research) PROGRAMMES

- (a) The application should be submitted only in **OFFLINE mode** after downloading application form through institute web site www.svnit.ac.in. The application form dully filled in all respect should be sent to **“The Registrar, SVNIT, Surat, Ichchhanath, Surat – 395007 Subject: M.Tech. (Research) Admission Application Form 2023-24”**
- (b) **Candidates must submit the application and processing fee, (Non-refundable) of Rs.500/- (for Open/EWS/OBC) and Rs.250/- (SC/ST/PWD) with the application in the form of demand draft, drawn in favour of “Director, SVNIT – MHRD Fund” 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 counselling/reporting for interview. In the absence of these documents, candidates will not be interviewed. Application and processing fees will not be refundable.
- (c) The applicants can apply after downloading the application form from institute website. Applications will be processed twice in a year, i.e. Spring Semester (January) and Autumn Semester (July). The schedule for interviews of applicants will be notified separately on institute website in the month of **October/November and May/June every year.**

1. THE INSTITUTE

The Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is one of the thirty-one National Institutes of Technology in India setup 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 was established in 1961 as one of the Regional Engineering Colleges (REC) for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84, a 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, a UG programme in Chemical Engineering was introduced. At present, the Institute is offering Seven UG Programmes with an intake of 1100 (approx.) students.

In addition to the above, 21 students are admitted through Government of India from other countries and 130 students through the DASA (Direct Admissions Students Abroad) scheme. The Institute is, at present, offering 21 approved M. Tech. programme with an intake of 30 students in each programme and three Five-Year integrated M.Sc. Programmes with an intake of 75 each in the Department of Physics, Department of Chemistry and Department of Mathematics.

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.

Department of Chemical Engineering

- a. Chemical Engineering

Department of Civil Engineering

- a. Geotechnical Engineering
- b. Structural Engineering
- c. Environmental Engineering
- d. Urban Planning
- e. Transportation Engineering and Planning
- f. Water Resource Engineering
- g. Construction Technology and Management

Department of Computer Science & Engineering

- a. Computer Science & Engineering
- b. Computer Science & Engineering (Information Security and Privacy)
- c. Computer Science & Engineering (Data Science)

Department of Electrical Engineering

- a. Power Electronics and Electrical Drives
- b. Power System
- c. Instrumentation and Control

Department of Electronics Engineering

- a. Communication Systems
- b. VLSI and Embedded System

Department of Mechanical Engineering

- a. CAD/CAM
- b. Mechanical Engineering
- c. Thermal Systems Design
- d. Turbomachines
- e. Manufacturing Engineering

Moreover,

The Five Years Integrated M. Sc. Programmes are being offered in the disciplines of
1. Chemistry 2. Mathematics, and 3. Physics

2. STUDENTS' AMENITIES

The Institute has fully residential campus. Hostels are available for students. Each hostel is an independent entity with its own mess facilities, recreation areas etc. Extra-curricular activities are provided by Students' Gymkhana. The activities include sports, cultural programmes, etc. However, students admitted to M.Tech. (Research) programme are eligible for hostel accommodation during contact period.

3. ADMISSION AND ELIGIBILITY CRITERIA FOR

M. Tech. (Research) PROGRAMMES **

- (i) A candidate should possess **B. E./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 Two years of Experience after graduation.
- (iii) The candidates for M Tech. (Research) can be
 - Candidates employed 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 candidate must enclose self-attested copies of the following documents/certificates. Same must be produced in original at the time of interview/physical documents verification.
 - (a) Appointment letter issued by the current employer.
 - (b) Experience certificate duly signed by competent authority on the letter head of the Company/Organization/Institute.
 - (c) Salary certificates/slips of last 12 months.
 - (d) Income-Tax return or Form-16 of last financial year, and

(e) All other documents/ certificates as mentioned in the information brochure of M.Tech. (Research) programme.

Note:

1. **Sponsorship Certificate Should be from the same organization who has issued the Appointment letter, Experience certificate and Salary slip.**
 2. **Salary Slip, Experience Certificate of one year must be from same (single) organization.**
- (v) The candidates would be required to deposit the fee within prescribed time in account section of the institute after their selection through interview process. The details of fee is enclosed at APPENDIX “ A”
- (vi) The candidates must submit “NO OBJECTION CERTIFICATE” from their employers for taking up their M Tech (Research) work at this institute as per format enclosed at APPENDIX “B” along with the application form. In case the candidates are not able to submit “NO OBJECTION CERTIFICATE ” from their employer with the application form, they must submit a certificate as per enclosed format APPENDIX “B1” (candidates employed with Govt. of Gujarat, please refer APPENDIX “B2”) 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 (www.svnit.ac.in).

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 the respective departments* for written test followed by interview on the date of counselling as per time schedule to be displayed by the departments.
- (iii) The candidates are required to attach and 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 counselling/interview of the 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.500/- (for Open/EWS/OBC) and Rs.250/- (SC/ST/PWD) with the application. The fee has to be submitted in the form of crossed Demand Draft in favour of “Director, SVNIT – MHRD Fund” payable at Surat.**

APPENDIX-A

TENTATIVE FEE STRUCTURE OF M TECH. (RESEARCH) FOR THE ACADEMIC YEAR 2023-24 (ALL BRANCHES)

Sr. No.	Particular	1 st Sem.	2 nd Sem.	3 rd Sem.	4 th Sem.	5 th Sem.
1	Total Fees in Rs.	71,500/-	42,500/-	48,500/-	42,500/-	53,000/-

- **The fee may be revised during the programme.**
- **If the student avails single occupancy in Hostel, additional payment of Rs. 4500/- will be included in the Hostel Fee Structure.**

APPENDIX - B

(To be typed on letter Head of the Department/Organization)

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 Institute / Organization, to join M. Tech. (Research) Programme in
Department of _____ Engineering, SVNIT, Surat.

We shall relieve him/her of his/her from duties of the Organization during the study period to attend
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

Certificate to be issued by Parent Institute/Organization, and be enclosed with the application for M. Tech. (R) candidates

Mr./Ms. _____ is a full time employee and working as _____ in _____ Department of this Institute/Organization.

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 Institute / Organization 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 -
_____ Engineering , 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)

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)

Category (Open/EWS/OBC/SC/ST/PWD)

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 Score

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

10. Details of Qualifying Examination

Examination	University	Year of Passing	Grade Point Average/Percentage of Aggregate Marks obtained	Class/Grade
S. S. C.				
H. S. C.				
OTHERS, IF ANY (Pl. Specify)				
B. E. / B. Tech. or Equivalent Examination (Annual System)				
1 st YEAR				
2 nd YEAR				
3 rd YEAR				
4 th YEAR				
Aggregate Percentage of B. E. / B. Tech. or Equivalent Exam(All years)				

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

Examination	University	Year of Passing	Semester Grade Point Average (SGPA)/Percentage of Aggregate Marks	Cumulative Grade Point Average(CGPA)
1 st Semester				
2 nd Semester				
3 rd Semester				
4 th Semester				
5 th Semester				
6 th Semester				
7 th Semester				
8 th Semester				
Total CGPA				

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) along with the Bio-data, 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.

12. 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:

Date:

Signature of the Applicant

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
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