SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY SURAT

ADMISSION INFORMATION BROCHURE

MASTER OF TECHNOLOGY (Research)
(With effect from Oct. 2014)

ACADEMIC SESSION 2020-21

CONTENTS

IMPORTANT INSTRUCTIONS

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*. 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, (Non- refundable) of Rs.2000/- (for Open/EWS/OBC) and Rs.1500/- (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 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 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 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 six UG Programmes with an intake of 850 (approx.) students.

In addition to the above, 21 students are admitted through Government of India from other countries and 104 students through the DASA (Direct Admissions Students Abroad) scheme. The Institute is, at present, offering 19 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 Applied Physics, Applied Chemistry and Applied Mathematics and Humanities.

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.

Chemical Engineering Department
a. Chemical Engineering

Civil Engineering Department
a. Soil Mechanics & Foundation Engineering
b. Structural Engineering
c. Environmental Engineering
d. Urban Planning
e. Transportation Engineering and Planning
f. Water Resource Engineering
g. Construction Technology and Management

Computer Engineering Department
a. Computer Engineering

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

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
e. Manufacturing Engineering

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. 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. 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. 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 Two 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. The details of fee is enclosed at APPENDIX 'A'

(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 '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).

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.2000/- (for Open/EWS/OBC) and Rs.1500/- (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 2020-21 (ALL BRANCHES)

Sr. No.	Particular	1st Sem.	2nd Sem.	3rd Sem.	4th Sem.	5th Sem.
1	Total Fees in Rs.	61,000/-	38,000/-	42,000/-	38,000/-	46,000/-

- The fee may change during the programme.
- If a student avail single occupancy in Hostel, additional payment of Rs. 3000/- 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 _____ 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 - B1

Certificate to be issued by Parent Institute/Organization, 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/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 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 INSTITTUTE 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

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

Choice of Guide(s)   a) _____
in order of preference b) _____
(If, any)   c) _____
                        d) _____

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 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)				
1st YEAR				
2nd YEAR				
3rd YEAR				
4th 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	Cummulative Grade Point Average(CGPA)
1st Semester				
2nd Semester				
3rd Semester				
4th Semester				
5th Semester				
6th Semester				
7th Semester				
8th 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) 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:
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

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)/M.Tech.(R)/   /2019-20   Date : 15/04/2019
                                                                (Annexure-1)

Schedule for M. Tech (Research) Admissions Academic Year 2020-21 (Autumn Semester)

Important Dates

Sr. No.	Event	Dates
1.	Last of date of receipt of application Form :	June 19, 2020
2.	Display of List of eligible candidates by concerned Academic Department on Website	June 25, 2020
3.	Reporting of candidates in concerned Academic Departments for Written tests/Interviews -	
	i) Civil Engineering Dept., Mechanical Engineering Dept.	June 29, 2020 (9:00 AM)
	ii) Electrical Engineering Dept., Computer Engineering Dept., Chemical Engineering Dept., Electronics Engineering Dept.,	June 30, 2020 (9:00 AM)
4.	Display of list of selected candidates by Academic departments on institute web site	July 10, 2020
5.	Payment of fees and Registration	July 13 to 24, 2020
6.	Commencement of Semester	July 27, 2020

*   Reporting date mentioned above are tentative and may be changed due to unavoidable circumstances, if any. Candidates are advised to regularly check Institute website (www.svnit.ac.in) for updates.

Prof. J 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 (M.Tech. (Research) Admission)