

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

**SVNIT
SURAT**



ADMISSION INFORMATION BROCHURE

***M. Tech.
2011- 12***

**SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY
SURAT**



**ADMISSION
INFORMATION BROCHURE**

**M. Tech.
2011–2012**

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Important dates for Admission of Full Time M. Tech. Programmes

01	Commencement of receipt of applications	May 09, 2011
02	Last date of receipt of applications*	May 31, 2011
03	Details of eligible applicants department-wise to be put up on website #	June 13, 2011
04	Date of counseling of eligible GATE candidates (Reporting time : 09.00 AM)	June 20, 2011
05	Declaration of Results for GATE Candidates##	June 21, 2011
06	Last date of Payment of Fees & Deposits for GATE Candidates	June 23, 2011
07	Display of vacant seats department wise for GATE Candidates	June 24, 2011
08	Upgradation of wait-list GATE candidates (at 5.00 PM)	June 30, 2011
09	Counseling/Test of eligible NON-GATE / Sponsored candidates (Reporting time : 09.00 AM)	June 30, 2011
10	Declaration of results for Non-GATE Candidates##	July 01, 2011
11	Last Date of Payment of Fees & Deposits for candidates by operation of wait list	July 04, 2011
12	Display of vacant seats Department wise (Second Round)	July 07, 2011
13	Up gradation of wait listed candidates (Second Round) (at 5.00 PM)	July 11, 2011
14	Last date of Payment of fees and deposits for candidates from operation of wait-list (Second Round)	July 15, 2011
15	Registration	July 20-22, 2011
16	Commencement of Semester	July 25, 2011
17	Late Registration with payment of late Fee	July 29, 2011

* The application should be down-loaded through Institute web-site www.svnit.ac.in. The application duly filled in all respects with requisite fee should be submitted to the ‘**Registrar, SVNIT Surat, Ichhanath, Surat-395007**’ before due date.

The non-refundable application and processing fee (**Rs. 1000/ for Open and OBC candidates and Rs. 500/- for SC/ST candidates**) should be enclosed in the form of Demand Draft in the favour of ‘**Director, SVNIT Surat**’ payable at **Surat**. No separate interview call will be sent to the candidates, they have to report for counseling as per the list to be displayed on Institute web-site. All the applicants should report with their certificates and GATE score at the time of interview as envisaged in Information Brochure.

The lists of selected candidates shall be put on Institute web-site www.svnit.ac.in.

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 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 700 (approx.) students.

In addition to the above, **21 students** are admitted through Government of India from other countries and 91 students through DASA scheme. The Institute is, at present, offering 15 AICTE approved M. Tech Programmes with an intake of 25 students in each programme and three Five Years Integrated M. Sc Programmes with intake of 30 each in the department of Applied Physics, Applied Chemistry and Applied Mathematics.

The following full time M. Tech. courses (with GATE Score, Non-GATE, and Sponsored) are being offered in the Institute at different Departments.

Civil Engineering Department and Applied Mechanics Department

- a) Soil Mechanics & Foundation Engg
- b) Structural Engineering
- c) Environmental Engineering
- d) Transportation Engineering & Planning
- e) Urban Planning
- f) Water Resource Engineering

Chemical Engineering

- (a) Chemical Engineering

Computer Engineering Department

- (a) Computer Engineering

Electrical Engineering Department

- (a) Power Electronics and Electric drives

Electronics Engineering Department

- (a) Communication Systems

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, etc. Part of the faculty will be drawn from the L&T and other industries. L&T will select SIX candidates from the candidates selected through ongoing process for sponsoring them in their industries. The sponsored candidates will be offered tuition fee, stipend (Rs.8000/- p m) during the PG programme and job as Post Graduate Trainees in their company after successful completion of their PG programmes. The L &T sponsored candidates will cease to draw fellowship from the institute as and when they start getting stipend from L & T.

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

1. Chemistry
2. Mathematics
3. Physics

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

- 1 Civil Engineering
- 2 Mechanical Engineering
- 3 Electrical Engineering
- 4 Electronics Engineering
- 5 Chemical Engineering
- 6 Computer Engineering
- 7 Applied Mechanics (Structural Engineering & Geotechnical Engineering)

2. STUDENT AMENITIES

Institute is fully residential and has 11 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. However, students admitted to M. Tech. (Research) programme or not eligible for any accommodation.

3. POST GRADUATE PROGRAMMES

The Institute offers Post Graduate Programmes, in various disciplines. The aim of the Programmes is to train the students in high level theoretical knowledge that enables them to tackle practical complex problems of design and development in the industrial fields as well as pursue further academic achievements through research. Enough flexibility is provided in the structure of the Programmes in respect of lecture courses, laboratory and project work to help the students to achieve the above mentioned aim. The departments are equipped with sufficient facilities for these purposes.

Table 1 shows the PG Programmes which will be offered in the academic year 2011-12 along with the availability of seats, specialization-wise. The duration of PG Programmes will be of 4 semesters (2 years) and PG Scholarships to GATE qualified students will be given as per MHRD approved norms.

Table 1 Seat Matrix for M Tech Admission, Year 2011-2012

Sr. No.	Discipline & Specialization	Eligible UG Programmes	GEN	OBC	SC	ST	Sponsored
1.0	Civil Engineering						
	Environment Engineering	Civil	10	05	02+01*	02	05
	Water Resource Engineering	a) Civil b) Agriculture c) Irrigation	10	05	03	02	05
	Structural Engineering	Civil	10	05	03	02	05
	Soil Mechanics & Foundation Engineering	Civil	09+01*	05	03	02	05
	Urban Planning	a) Civil b) Urban Planning c) Transportation Urban Planning d) B.Arch.	10	05	03	02	04+01*
	Transportation Engineering & Planning	Civil	10	04+01*	03	02	05
2.0	Chemical Engineering						
	Chemical Engineering	Chemical	10	05	03	02	05
3.0	Computer Engineering						
	Computer Engineering	(GATE Score in Computer Engg.) a) Comp. Engg. b) Comp. Sci. & Engg. c) IT d) Electronics Engg.	09+01*	05	03	02	05
4.0	Electrical Engineering						
	Power Electronics & Electrical Drives	(GATE Score in Electrical Engg.) a) Electrical Engg. b) Electrical & Electronics Engg. c) Instrumentation & Control Engg. d) Electronics Engg. e) Electronics & Comm. Engg.	10	05	03	02	05
5.0	Electronics Engineering						
	Communication System	a) Electronics Engg, b) Electronics & Comm., c) Electronics & Tele Comm.,	09+01*	05	03	02	05

6.0	Mechanical Engineering						
	Turbo Machines	(GATE Score in Mechanical/ Aerospace Engg.) a) Mechanical b) Aeronautical Engg.	10	04+01*	03	02	05
	Mechanical Engineering	(GATE Score in Mechanical/ Production Engg.) a) Mechanical b) Production c) Industrial d) Automobile Engg.	10	05	03	02	04+01*
	Industrial Process Equipment Design	(GATE Score in Mechanical/ Production Engg.) a) Mechanical b) Production Engg.	09+01*	05	03	02	05
	Thermal Systems Design	(GATE Score in Mechanical Engg.) a) Mechanical b) Automobile Engg.	10	05	03	01+01*	05
	CAD – CAM	(GATE Score in Mechanical/ Production Engg.) a) Mechanical b) Production c) Industrial d) Automobile Engg.	10	05	02+01*	02	05

* Seats reserved for PH (Physically handicapped) Candidates. In case PH candidates are not available seat will be filled with respective category.

4. Admission and eligibility criteria for M. Tech. Programmes

I NON - SPONSORED CANDIDATES (with GATE score):

a) *OPEN CATEGORY/OBC CATEGORY:*

- B.E./ B. Tech. / B. Arch.* or equivalent degree in respective discipline with minimum of 50% aggregate (all semesters/years) marks or (CGPA 5.5) and
- Possessing valid GATE score.

b) *RESERVED SC/ST CATEGORY*

- B.E./ B. Tech. / B. Arch.* or equivalent degree in respective discipline with minimum of 45% aggregate (all semesters/years) marks or (5.0 CGPA) and
- Possessing valid GATE score.

NOTES:

- The admission will be given based on common merit list prepared as per following criteria for each basic discipline offering PG programmes.
 - 100% weightage to the GATE score.The seat will be allotted based on merit of GATE Score and preference of specialization given by the candidates.
- Those students which do not possess their B. E./ B. Tech. pass certificate at the time of interview, have to give an undertaking, as per format enclosed at **Appendix - C**, for submitting same to the academic section of the Institute by Sep.30, 2011. Non-submission of certificates within due date will lead to automatic cancellation of admission from the Institute.
- The candidates should bring valid identity proof at the time of counseling.
- The candidates would be required to deposit the fee within prescribed time in Account Section of the Institute after getting their selection through counseling process. The details of fee are enclosed at **Appendix - A**.
- The format for Application form is enclosed at **Appendix – E**.

* **Eligibility for M Tech (Urban Planning) only.**

II NON - SPONSORED CANDIDATES (Non-GATE):

a) *OPEN CATEGORY/OBC CATEGORY:*

- B.E./ B. Tech. / B. Arch.* or equivalent degree in respective discipline with minimum of 50% aggregate (all semesters/years) marks or (CGPA 5.5)

b) *RESERVED SC/ST CATEGORY*

- B.E./ B. Tech. / B. Arch.* or equivalent degree in respective discipline with minimum of 45% aggregate (all semesters/years) marks or (5.0 CGPA)
- i. In case, sufficient GATE qualified candidates for General, OBC & SC/ST Category are not available in a particular discipline, the admission will be offered based on the merit list prepared by giving 50% weightage to aggregate marks of B. E. /B. Tech. /B. Arch* equivalent degree and 50% weightage to Institute's test/interview for all NON- GATE candidates who have applied and qualified for that particular discipline. **The candidates should bring valid identity proof at the time of Test/Interview.** Those candidates, who are in final year of their B Tech/B E degree and could not get their results before due date of application, their percentage B E/ B Tech Marks will be decided based on the marks accrued by them up to **sixth Semester. (The admission test will be conducted only in case sufficient GATE candidates are not available in the wait list prepared by the department in a particular specialization.)**
 - ii. Test for M. Tech. (Urban Planning) will be conducted separately.
 - iii. Those students who do not possess their B. E./ B. Tech. pass certificates at the time of interview, have to give an undertaking, as per format enclosed at **Appendix-C**, for submitting same to the academic section of the institute by Sep.30, 2011. Non-submission of certificates within due date will lead to automatic cancellation of admission from the institute.
 - iv. The candidates would be required to deposit the fee within prescribed time in account section of the institute after getting their selection through counseling process. The details of fee is enclosed at **Appendix-A.**
 - v. The format for Application form is enclosed at **Appendix-E.**
- * **Eligibility for M Tech (Urban Planning) only.**

III SPONSORED CANDIDATES:

a) OPEN CATEGORY:

- B.E. or equivalent degree in respective discipline with minimum of 50% aggregate (all semesters/years) marks (CGPA=5.5) and
- Preference will be given to the candidates with valid GATE score.
- Minimum working experience of one year after graduation.

b) RESERVED SC/ST CATEGORY

- B.E. or equivalent degree in respective discipline with minimum of 45% aggregate (all semesters/years) marks (CGPA 5.0) and
- Preference will be given to the candidates with valid GATE score. However, one seat may be filled at a higher preference for those candidates who are working at SVNIT in sponsored research project. Such candidate should have worked in the department for at least six months.
- Minimum working experience of one year after graduation.

NOTES:

- i. The admission will be given based on common merit list prepared as per following criteria for each basic discipline offering PG courses:
 - 50% weightage to Aggregate Marks of B.E. / Equivalent degree.
 - 50% weightage to Institute test/interview. **The candidates should bring valid identity proof at the time of Test/Interview.**
- ii. Admission will be given only to those eligible students who possess their final results at the time of interview/test.
- iii. Admission will be given only to those candidates who possess valid sponsorship certificate (**as per Appendix- B**) at the time of interview. The Sponsored candidates who are not able to produce 'Sponsorship Certificate' on the date of counseling, they have to fill up an undertaking as per the format enclosed in **Appendix-'D'** during the counseling.
- iv. Separate test will be conducted for the students who will apply for M. Tech. (**Urban Planning**)

- 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**.
- vi. The format for Application form is enclosed at **Appendix-E**.

5. APPLICATION AND COUNSELING PROCEDURE

- (i) The applicants for M. Tech. (with GATE score), M Tech (Sponsored), M. Tech. (Non-GATE) are required to apply **OFF LINE as per format enclosed at Appendix-E**.
- (ii) All the candidates are required to remain present in respective departments of the Institute on their due date of counseling.
- (iii) The candidates are required to bring all the certificates related to educational qualification, birth and sponsorship (if required). The Sponsored candidates who are not able to produce 'Sponsorship Certificate' on the date of counseling, they have to fill up an undertaking as per the format enclosed in **Appendix-'D'** during the counseling. OBC (**non-creamy layer, central list**)/ SC/ST candidates are required to produce caste/tribe certificate either in English/Hindi from competent authority of current financial year. In case the said certificates are in regional language, translated equivalent certificate in Hindi/English, notarised by a public notary, must be produced. In absence of these certificates it will not possible to conduct the counseling/interview of candidate.
- (iv) The candidates have to pay an application and processing Fee (**Non-refundable**) of Rs.1000/-(for Open/OBC) and Rs.500/-(SC/ST) with the application form. The fee has to be paid in the form of crossed Demand Draft in favour of **“The Director, SVNIT, Surat” payable at Surat** at the time of respective counseling/interviews.
- (v) The application duly filled in all respect with requisite fee should be submitted to the **‘Registrar, SVNIT Surat, Ichhanath, Surat-395007’** before due date.

APPENDIX - A

FEE STRUCTURE OF M.TECH. & M.TECH. (RESEARCH)**

FOR THE ACADEMIC YEAR 2011-2012

(ALL BRANCHES)

Sr. No.	Particulars	M. Tech.		M. Tech.	
		1 st Sem	2 nd Sem	3 rd Sem	4 th Sem
1	Tuition Fee	17500 P.T.	17500 P.T.	17500 P.T.	17500 P.T.
2	Other Fees (inclusive of Exam., Lib. & other fees)	3000 P.A.	--	* 4000 P.A.	
3	Admission Fee (One Time)	1000	--	--	--
4	Alumni Fee (One Time) (if not already an alumni)	1000	--	--	--
5	Security Deposit (Refundable) (One Time)	5000	--	--	--
6			--	--	--
TOTAL.....		27500/-	17500/-	21500/-	17500/-

* Including Convocation Fee Rs.1000/-

** Fee may change during the programme.

P.T. : Per Term

P.A. : Per Annum

APPENDIX- B

Sponsorship Letter for full-time candidates

(This should be typed on letterhead of the Sponsoring Organization)

To,

The Director,
Sardar Vallabhbhai National Institute of Technology,
Surat-395 007.

Sub. : Sponsoring of an Employee for M. Tech. Programme

Dear Sir,

We hereby sponsor candidature of Shri/Kum/Smt. _____,
who is an employee in our Organization, for joining M. Tech. Programme in
_____ in _____ Engineering Department at your
Institute as a FULL-TIME candidate.

We shall fully relieve him/her of his/her duties in the Organization during the entire
period of the PG Programme to enable him/her to devote full time to the studies.

Signature and seal of the Sponsoring Authority

APPENDIX - C

**UNDERTAKING
FOR SUBMISSION OF
UNDERGRADUATE PASS CERTIFICATE
(ONLY FOR NON-SPONSORED CANDIDATES)**

I, Mr./Ms.....s/o or d/o
Shri....., is appearing for counseling of PG admission in
Department of..... in specialization
.....on..... At present, the result of my
undergraduate degree is not available. I hereby undertake that I will produce my
undergraduate passing certificate [with minimum 50% aggregate marks (CGPA= 5.5) for
open and OBC category and 45% aggregate marks (CGPA=5.0) for SC/ST category)] by
September 30, 2011. In case of non-submission of the said certificate by September 30,
2011, my admission shall be treated as cancelled and fee deposited by me in the Institute
shall be deducted as per the Institute rule.

Date

Signature of candidate

Name:

Address:

Contact Numbers:

APPENDIX- D

**Format for submission of Sponsorship Certificate
(Only for sponsored candidates)**

I, Mr./Mrs. _____ s/o or d/o Shri _____ is
appearing for counseling of PG admission in Department of _____
in specialization _____ on _____. At present
sponsorship certificate from our employer is not available to me. However, I have applied
for sponsorship certificate vide my letter No. : _____, dated : _____
(copy enclosed). I will be submitting the sponsorship certificate from my employer by
September 30, 2011, otherwise my admission from the Institute be automatically be
cancelled.

Contact No. : _____

Address : _____

APPENDIX-E

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

APPLICATION FORM

FOR ADMISSION TO FULL TIME M. TECH. PROGRAMMES IN ENGINEERING (2011 - 12)

(Apply by separate application forms for PG programmes running in different Departments)

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

Branch of Engineering _____
(Write the Discipline/Deptt)

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

Please write the name of Specialization of M. Tech
Programmes in order of preference

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____

Registration Fee
Bank Draft No. Date Amount Issuing bank

1. Name in full

(in Capital letters) (exactly as per the mark-sheet of HSC/Std-XII)

2. Sex M F

3. Date of Birth
(Attach certificate) date month year

4. Age: _____
(as on May 31, 2011)

5. Nationality: _____

6.

a) Name of the Parent/Guardian

(Surname)

(First Name)

(Father's First Name)

b) Relationship : _____

c) Address for Correspondence:

_____ PIN _____

d) Permanent Address : _____

_____ PIN _____

e) Contact Phone No. (STD Code: _____) Res: _____ :Office

f) E-mail : _____

7. Admission Categories : General Sponsored SC ST OBC

8. Whether GATE qualified : Yes No

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

Branch Validity Period GATE Score

10. Details of Qualifying Examination

Examination	University/ Board	Year of Passing	Grade Point Average/ Percentage of Marks	Class/Grade
S. S. C.				
H. S. C.				
Any other, (Specify)				
1 ST YEAR				
2 nd YEAR				
3 rd YEAR				
4 th YEAR				
CGPA/Aggregate Percentage of BE/B.Tech./B.Arch. (_____) or equivalent exam (all semesters)				

11. Name of Institute/Department last :

attended and Year

12. In case of Sponsored Candidate, name :

and address of the present employer

(Please attach Sponsorship Certificate from the Employer as per **Appendix-B**)

13. Experience of service, if any, :

(Please give details if necessary on a separate sheet)

14. 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 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 Post Graduate instruction and that I should be devoting full time to my Post Graduate studies. I also understand that in all matters concerning the admission, the decision of the Institute authority is final and I shall abide by it.

Place:

Signature of the Applicant

Date:

Note

- Candidate must fill correct CGPA/Aggregate percentage of B.E. or Equivalent Examination (all semesters). Application without aggregate percentage or incorrect and misleading data will be rejected without assigning any reasons for the same.
- Attach Authenticated Transcript of Grades/Marks of all the semesters leading to qualifying examination OR attach attested (or self attested) mark-sheets/grade certificate leading to qualifying examination.
- Candidates are required to attach all the relevant certificates including experience and sponsorship certificates
- Separate applications are required for admission in different Departments.
- Please visit Web-site www.svnit.ac.in after application for further details.