

SVNIT
SURAT



ADMISSION INFORMATION BROCHURE

*Five Years Integrated
M.Sc. Programmes*

2013-14

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M.Sc. Programmes
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IMPORTANT INSTRUCTIONS

Five Years Integrated M.Sc. Programmes

- (a) The application form can be downloaded from the institute website <http://www.svnit.ac.in> .
- (b) Fill the application form carefully with legible writing. Illegible and incomplete application form will be rejected.
- (c) Candidates must fill correct class/grade % marks of H.S.C. or equivalent examination. Application with incorrect and misleading data will be rejected without assigning any reasons thereto.
- (d) Attach self attested mark-sheets of the qualifying examination(s).
- (e) Attach self attested all the relevant certificates including the valid certificates for OBC (Non-Creamy layer), SC, ST, PWD in Hindi or English version only.
- (f) Attach self attested the certificate of S.S.C.E. for the proof of birth date.
- (g) Self attested photo copies of all testimonials should be attached along with application. Without producing original documents for verification during counseling, the admission will not be granted.
- (h) Candidates will have to appear in Common Admission Test for Sciences (CATS) to be conducted by the institute.
- (i) Candidates will be offered admission on the basis of merit of CATS rank. Reservation will be available as per Govt. of India norms.
- (j) The lists of the candidates offered admission will be placed on the institute's website.

1. THE INSTITUTE

The Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is one of the thirty National Institutes of Technology in the country set up with the objectives of making available facilities for higher education, research and training in various fields of Engineering, Technology and now in basic Sciences.

The Institute campus is spread over 100 hectares of land on the road to Dumas from Surat. 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, one 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, one more UG Programme in Chemical Engineering was introduced. At present, the Institute is offering total six UG Programmes with an intake more than 600 students; the intake may increase due to Reservation Policy decided by the competent authority. In addition to the above, 20 students are admitted through Government of India from SAARC countries. The Institute is at present offering fourteen AICTE approved M. Tech. Programmes.

The Institute offers three new Five Years Integrated M. Sc. Programmes since the academic year 2007 – 08. The Five Years Integrated M. Sc. Programmes are being offered in three disciplines:

1. Physics
2. Chemistry
3. Mathematics

2. LABORATORY & RESEARCH FACILITIES

All the departments have well equipped laboratories and computational facilities. There are number of central facilities like Central Computer Center, Central Library, Workshop etc., and more equipment & sophisticated instruments for research have been and being added. The Central Library has a very large collection of books,

back volumes of periodicals, standards and other literature. The Library has more than 3 lakhs books and volumes and subscribes to over 1500 current journals in Engineering and Applied Sciences and Humanities. Further, the Institute received grant of Rs. 20 Crores under Technical Education Quality Improvement Programme funded by World Bank. Most of this grant has been utilized to develop very high level of infrastructure, Sophisticated Instrumentation Centre, Media Centre and CAD Centre with most recent Software to carry out high level research.

3. STUDENT AMENITIES

Institute is fully residential and has total 11 hostels for the regular students including two girls' hostels and an independent hostel for post-graduate students as well as research scholars. 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 the campus. Facilities for extra-curricular activities are provided by Students' Activity Center. The activities include sports, cultural programmes (Kashish and Sparsh), a national level technical symposium (MINDBEND) for the regular students etc.

4. FIVE YEARS INTEGRATED M. Sc. PROGRAMMES

These five years integrated M. Sc. Programmes in the disciplines of Physics, Chemistry and Mathematics, are extendable to seven years. The aim is to provide the students a higher level of education in basic sciences that enables them to tackle practical complex problems faced in the industrial fields as well as to pursue further academic achievements through research. Enough flexibility will be provided with the optional technical subjects, seminars & projects in the structure of the Programmes to orient the students with the self-

confidence and meet any challenge, and be responsible citizens. The Departments of Applied Chemistry, Applied Physics and Applied Mathematics & Humanities are well equipped with sufficient infrastructure.

5. ADMISSION TO THE PROGRAMME

The admission to the programme would be made by using the JEE(mains) score of the applicants as well as by conducting an Entrance Examination by the institute for the purpose.

6. APPLICATION PROCEDURE AND APPLICATION FORM

Application form with the information brochure be downloaded from institute website (<http://www.svnit.ac.in>) only. A Demand Draft (**application & processing fee which is non-refundable**) of Rs. 1000/- for open & OBC categories and Rs. 500/- for reserved categories(SC/ST) drawn in favor of **The Director, Sardar Vallabhbhai National Institute of Technology, Surat payable at Surat** should be attached along with the application form.

The duly filled in form, with necessary certificates, mark-sheets etc, must be sent with crossed Demand Draft, as stated above,

To
Chairman,
Admission committee,
Department of Applied Mathematics & Humanities,
S. V. National Institute of Technology,
Ichchanath,
Surat-395007.
(Gujarat)

Application form is on the last page of this Information Brochure. The last date of receipt of the application is **June 10,2013** up to **05.00p.m.**

7. FEES AND DEPOSITS

The complete fee information is given in **Appendix – I**.

8. Scholarships/Fellowships

Students can take the benefits of various Scholarships/Fellowships offered by the Ministry of Science and Technology, Department of Science & Technology (DST) India such as **Innovation in Science Pursuit for Inspired Research (INSPIRE)** and **Kishore Vaigyanik Protsahan Yojana(KVPY)**.

INSPIRE scholarships are offered every year for undertaking Bachelor and Master level education level in the Natural and Basic Sciences. For more details visit <http://www.inspire-dst.gov.in/scholarship.html>

KVPY offer attractive fellowships and contingency grants for students studying in Basic Sciences, Engineering and Medicine. For eligibility details visit <http://www.kvpy.org.in/main/fellowship.htm>

9. REGISTRATION IN THE INTEGRATED M.Sc. PROGRAMMES

Every student after admission is required to register in the Course work with the Integrated M. Sc. Programme Coordinator(s) in the concerned discipline at the commencement of First Semester and subsequent Semester(s), on the day(s) fixed for such registration and notified in the Academic Calendar(s). The students failed to register till the day announced for the purpose may be permitted late registration up to (maximum) one week after the stipulated date with payment of late fee.

10. RULES & REGULATIONS

All the Five Years Integrated M. Sc. students shall be governed by the existing rules & regulations lay down by the institute from time to

time. All the students have to study and carry out work in the Institute at least for a period of Five years, extendable to period of Seven years, from the date of registration before submission of the Dissertation. The above duration is inclusive of the Course Work, Project and Seminars.

Ragging

Ragging of any kind is severely punishable as per the Supreme Court directives leading to even expulsion from the Institute. As such, students are advised not to indulge in any such activity.

“RAGGING IS PROHIBITED AS PER THE DECISION OF THE SUPREME COURT OF INDIA IN WRIT PETITION NO.(C) 656/1998”.

APPENDIX – I

Fee Structure of Five Years Integrated M.Sc. Programmes

Fee Structure of Five Years Integrated M. Sc. Programmes from Academic year 2007–08 and applicable for the year 2013-14 (subject to change from time to time)

Sr.No.	Particulars	1 st Sem.
1	Tuition Fees	17500 P.T.
2	Other Fees (Inclusive of Exam, Lib. & Other fees)	3000 P.T.
3	Admission Fee (One time)	1000
4	Alumni Fee (One time) (if not already an alumni)	1000
5	Institute Development Contribution(IDC) (one time-to be credited to Institute's corpus/Endowment Fund Account	8000
6	Security Deposit (Refundable) (One time)	5000
	TOTAL	35500

Note:

For First Semester, total Rs. 35,500/= to be paid by DD only in favor of “**The Director, S. V. National Institute of Technology, Surat**” payable at Surat.

APPENDIX – II

Admission Schedule for Five Years Integrated M.Sc. Programmes in
Physics, Chemistry and Mathematics for the academic year 2013-14.

Details	Dates
FIRST ADVERTISEMENT	
Issue and receipt of application form	May 20 to June 10, 2013 (5.00 p.m.)
Date of uploading the list of all eligible candidates for Common Admission Test for Sciences (CATS) on institute Web site (www.svnit.ac.in)	June 13, 2013 Thursday
Date of Common Admission Test for Sciences (CATS)	June 23, 2013 (09.00 a.m. to 12.00 noon) Sunday
Date of uploading the First Merit List of CATS on the institute Website (www.svnit.ac.in)	June 25, 2013 (5.00p.m.) Tuesday
Date of Counselling	July 01,2013 Monday (9.00 a.m. onwards)
Dates of payment of fees(First Merit List)	July 01 – July 05 ,2013
Date of uploading the Second Merit List of CATS on the institute Website (www.svnit.ac.in)	July, 08, 2013
Dates of payment of fees(Second Merit List)	July 08 – July 12 ,2013
SECOND ADVERTISEMENT(IF REQUIRED)	
Issue and receipt of application form	July,15 – July 19, 2013 (5.00 p.m.)
Date of uploading the list of all eligible candidates for Common Admission Test for Sciences (CATS)	July 22, 2013 Monday
Date of Common Admission Test for Sciences (CATS)	July 25, 2013 (9.00 am to 12.00 noon) Thursday
Date of uploading the Merit List of CATS on the institute Website (www.svnit.ac.in)	July 26, 2013(5.00p.m)
Date of Counselling	July 26,2013 (9.00 am onwards)
Dates of payment of fees	July 26 – July 27 ,2013

APPENDIX – III

FIVE YEARS INTEGRATED M.SC. PROGRAMMES SEAT MATRIX FOR THE ACADEMIC YEAR 2013-2014

	Category	Branch			TOTAL
		Mathematics	Physics	Chemistry	
All India		Mathematics	Physics	Chemistry	
	OPEN	07	08	08	23
	OPEN PH	01	00	00	01
	OBC	04	04	03	11
	OBC PH	00	00	01	01
	SC	02	02	02	06
	SC PH	00	00	00	00
	ST	01	01	01	03
	ST PH	00	00	00	00
	TOTAL	15	15	15	45
Gujarat	OPEN	08	07	08	23
	OPEN PH	00	01	00	01
	OBC	04	04	04	12
	OBC PH	00	00	00	00
	SC	02	02	02	06
	SC PH	00	00	00	00
	ST	01	01	01	03
	ST PH	00	00	00	00
	TOTAL	15	15	15	45

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY

SURAT – 395007

APPLICATION FORM

FOR ADMISSION TO FIVE YEARS INTEGRATED M. Sc. PROGRAMMES

2013-14

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

Registration No.

(For Office use only)

Application No.

(For Office use only)

DISCIPLINE (i) _____ (ii) _____ (iii) _____
(Please write in order of preference carefully out of Chemistry, Physics & Mathematics)

CATS Rank (For Office use only)

Application & processing fee (Non-refundable)

DD No.

Date

1000/500
Amount

Issuing bank

1. Surname :

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

Middle name:

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

Father's name:

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

(Capital letters) (exactly as given in the mark sheet/grade sheet of qualifying examination)

2. Sex

M	F
---	---

3. Date of Birth

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

(Attach certificate) day month year

4. Age: ___ Yrs as on June 10, 2013

5. Nationality: _____

6. Belonging to Category

 SC ST OBC OPEN

(Tick Appropriate Category)

7. Sub Category

 PH* Non-PH*

*PH : Physically Challenged

8. a) Name of the Parent/Guardian: Shri /Smt _____
(exactly as given in the School leaving certificates)

b) Relationship : _____

c) Residential Address: _____

_____ PIN _____

d) Permanent Address: _____

_____ PIN _____

e) Contact Phone No. :Resi: _____ Permanent _____
(with area code)
Mobile No. _____

f) E-mail : _____

9. Details of Qualifying Examination

Examination	Board	Year of Passing	Class	% Marks	Grade*
S. S. C.					
H. S. C. or equivalent					
OTHERS, IF ANY (Pl. Specify)					

* Certificate from the recognized Board showing percentage of the marks equivalent to letter GRADE obtained by the candidate must be enclosed for admission through CATS.

10. Name of Institute / School last :
attended and the Year
(T.C./S.L.C. be attached)

11. Declaration by the applicant

I, Mr. / Ms. _____ hereby declare that all the particulars stated in the application and enclosures are true & correct to the best of my knowledge and belief. I have read the Five Years Integrated M. Sc. Programmes 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 Five Years Integrated M. Sc. Programmes and that I should be devoting enough time to the studies. I also understand that in all the matters concerning the admission, the decision of the Institute authority is final and I abide by it.

Place:

Date:

Signature of the Applicant

Necessary Enclosures

1. Self attested copy of certificate of S.S.C.E. for the proof of birth date.
2. Self attested copy of mark sheet of H.Sc. or equivalent examination.
3. Self attested copy of class/grade certificate of H.Sc. or equivalent examination.
4. Self attested copy of valid certificate for OBC(Non-Creamy layer), SC, ST, PWD in Hindi or English version only.