

SVNIT  
SURAT



**ADMISSION INFORMATION BROCHURE**

*Five Years Integrated  
M.Sc. Programmes*

**2012-13**

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**Five Years Integrated**  
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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 AIEEE score(inter-se AIEEE ranks) 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 15, 2012 up to 17.00 hours.**

## **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.

**Note:** AICTE has advised by Advt. No. AICTE/Legal/06 (01)/2008 in the news papers and on its website [www.aicte.ernet.in](http://www.aicte.ernet.in) to take necessary measures for prevention of ragging in any form.

Any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, or handling with rudeness any other student, in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

**“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 2011-12 (subject to change from time to time)

<b>RECURRING</b>		
(i)	Tuition Fees per Semester	Rs.17,500.00
(ii)	Other Fees per annum (Inclusive of Examination, Library & Other fees)	Rs. 3,000.00
<b>NON-RECURRING</b>		
(i)	Admission Fee (One time)	Rs. 1,000.00
(ii)	Alumni Fee (One time)	Rs. 1,000.00
(iii)	Security Deposit (Refundable) (One time)	Rs. 5,000.00
	<b>Total</b>	Rs.27,500.00

#### **Note:**

For First Semester, total Rs. 27,500/= 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 2011-12.

<b>Details</b>	<b>Dates</b>
Issue and receipt of application form	<b>June,1 to June 15, 2012 (5.00 p.m.)</b>
Date of uploading the list of all eligible candidates for Common Admission Test for Sciences (CATS) on institute Web site ( <a href="http://www.svnit.ac.in">www.svnit.ac.in</a> )	<b>June 18, 2012(5.00p.m) Monday</b>
Date of Common Admission Test for Sciences (CATS)	<b>June 20, 2012 (09.00 a.m. to 12.00 noon) Wednesday</b>
Date of uploading the First Merit List of CATS on the institute Website ( <a href="http://www.svnit.ac.in">www.svnit.ac.in</a> )	<b>June 22, 2012 Friday</b>
Date of Counselling	<b>June, 25,2012 Monday (9.00 a.m. onwards)</b>
Last Date of payment of fees(First Merit List)	<b>July 16 ,2012</b>
Date of uploading the Second Merit List of CATS on the institute Website ( <a href="http://www.svnit.ac.in">www.svnit.ac.in</a> )	<b>July, 17,2012</b>
Dates of payment of fees(Second Merit List)	<b>July 17 – July 18 ,2012</b>
Registration	<b>July, 18 – 20 ,2012</b>
Last date of Registration with fine	<b>July, 27, 2012</b>
Last date of Registration	<b>July, 27, 2012</b>
Commencement of Semester <b>July, 23,2012</b>	

## **APPENDIX – III**

### **FIVE YEARS INTEGRATED M.SC. PROGRAMMES SEAT MATRIX FOR THE ACADEMIC YEAR 2012-2013**

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

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY  
SURAT – 395007**

**APPLICATION FORM**

**FOR ADMISSION TO FIVE YEARS INTEGRATED M. Sc. PROGRAMMES**

**2012-13**

**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 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
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3. Date of Birth

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

(Attach certificate) day month year

4. Age: \_\_\_ Yrs as on June 15, 2012

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. (with area code) :Resi: \_\_\_\_\_ Permanent \_\_\_\_\_  
 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:

Signature of the Applicant

Date:

## **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.