

**Sardar Vallabhbhai National Institute of Technology,**  
**Ichchhanath, Surat – 395007, Gujarat, India**

**Brief write-up on the Institute:**



This Institute was established in 1961 as one of the RECs for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84 the Under Graduate programmes in Electronics Engineering was introduced and in the year 1988-89 the UG programmes in Computer Engineering and Production Engineering was started. In the year 1995-96, UG programme in Chemical Engineering was introduced. In exercise of the powers conferred by section 3 of the University Grants Commission (UGC) Act, 1956, the Central Government on the advice of the University Grants Commission, has declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC), Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat with status of “Deemed University” with effect from 4<sup>th</sup> December 2002. The Institute has been granted the status of ‘Institute of National Importance’ w.e.f. Aug. 15, 2007. At present, the Institute is offering Six UG Programmes, Eighteen PG Programmes and Three M.Sc. Five Years Integrated Programme including doctoral programme in all above branches.

**Mission Statement:**

The mission of the Sardar Vallabhbhai National Institute of Technology, Surat is to be a leading technical Institute not only at national level but also at International level for imparting training to manpower as per the needs of technology. It is also envisaged to provide the necessary infrastructure to take up research work and to provide the mechanism to interact with industries effectively.

**Vision Statement**

Sardar vallabhbhai national institute of technology, surat, perceives to be a globally accepted centre of excellence in technical education catalyzing absorption, innovation, diffusion and transfer of high technologies resulting in enhanced quality for all the stakeholders.

## Objectives

- To offer quality programmes in the engineering at UG, PG and Ph.D.level.
- To impart instruction and training to students to meet the technological needs.
- To promote research environment.
- To promote Industry – Institute interaction.
- To foster national integration and value based education.
- To interact with Alumni for development of the Institute and for making use of their expertise and resources.
- To impart quality education alongwith development of confidence for being an entrepreneur.
- To inculcate environment Innovations amongst students.



## Students Intake (Category wise):

Course/ Category	Gen	SC	ST	OBC	Total
UG	367	108	55	196	726
PG	170	51	34	85	340
5 Years integrate M.Sc Course	48	12	06	24	90
<b>Grand Total</b>	<b>585</b>	<b>171</b>	<b>95</b>	<b>305</b>	<b>1156</b>

## Students Strength during 2013-14:

### UG Programmes (including ICCR and DASA students)

Branch	Boys	Girls	Total
Civil Engineering	364	23	387
Mechanical Engg.	837	21	858
Electrical Engg.	341	39	380
Electronics & Communi. Engg.	455	113	568
Computer Engg.	286	98	384
Chemical Engg.	265	76	341
<b>Total</b>	<b>2548</b>	<b>370</b>	<b>2918</b>

### Five Year Integrated M. Sc. Programmes :

Branch	Boys	Girls	Total
Physics	56	33	89
Chemistry	39	46	85
Mathematics	29	33	62
<b>Grand Total</b>	<b>124</b>	<b>112</b>	<b>236</b>

**P.G. Programmes : (Academic Year 2013-14 admission data)**

Branch	Boys	Girls	Total
Environmental Engg.	13	19	32
Structural Engg.	33	04	37
Urban Planning	20	14	34
Soil Mech. & Foundation Engg.	26	10	36
Water Resource Engg.	22	11	33
Mechanical	41	00	41
Industrial Process Equipment Design	19	01	20
Manufacturing Engg.	20	01	21
Thermal Sys. Design	41	02	43
CAD/CAM	37	04	41
Turbo Machines	33	01	34
Chemical Engg.	27	05	32
Communication System	39	06	45
Computer Engg.	29	11	40
Transportation Engg. & Planning	32	08	40
Power Electronics & Electrical Drives	32	07	39
VLSI & Embedded System	37	09	46
Power System	39	05	44
<b>Total First &amp; Third Sem.</b>	<b>540</b>	<b>118</b>	<b>658</b>

**M.Tech. ( Research ) :**

Departments	Boys	Girls	Total
Mechanical Engg.	02	00	02
Civil Engineering	02	00	02
Applied Mechanics	05	01	06
Computer Engg.	00	01	01
Electronics & Commu.	00	01	01
<b>Grand Total</b>	<b>09</b>	<b>03</b>	<b>12</b>

**Ph.D. Programmes ( Engg. & Sciences):**

Departments	Boys	Girls	Total
Mechanical Engineering	85	06	91
Civil Engineering	52	35	87
Applied Mechanics	44	13	57
Chemical Engg.	16	09	25
Electronics	13	19	32
Electrical Engineering	22	03	25
Computer Engineering	14	16	30
Applied Chemistry	23	07	30
Applied Mathematics	26	21	47
Applied Physics	13	03	16
Management	03	07	10
English	01	01	02
<b>Grand Total</b>	<b>312</b>	<b>140</b>	<b>452</b>

**Faculty Position 2013-14:****As per Sanctioned Strength:**

Total Sanctioned strength of Faculty (Category wise)						Faculty in Position (Category – wise)				
Post/ Category	Gen.	SC	ST	OBC	Total	Gen.	SC	ST	OBC	Total
Professor	42	--	--	--	42	24	--	--	--	24
Associate Professor	85	--	--	--	85	55	--	--	--	55
Assistant Professor	85	25	13	46	169	57	12	05	29	103
<b>Grand Total</b>	<b>212</b>	<b>25</b>	<b>13</b>	<b>46</b>	<b>296</b>	<b>136</b>	<b>12</b>	<b>05</b>	<b>29</b>	<b>182</b>

**As per Entitlement for the year 2013-14:**

Total eligibility of Faculty (Category wise) for the year 2013-14						Faculty in Position (Category – wise)				
Post/ Category	Gen.	SC	ST	OBC	Total	Gen.	SC	ST	OBC	Total
Professor	51	--	--	--	51	24	--	--	--	24
Associate Professor	102	--	--	--	102	55	--	--	--	55
Assistant Professor	104	30	15	54	203	57	12	05	29	103
<b>Grand Total</b>	<b>257</b>	<b>30</b>	<b>15</b>	<b>54</b>	<b>356</b>	<b>136</b>	<b>12</b>	<b>05</b>	<b>29</b>	<b>182</b>

**Fund Position during the year 2013-14:**

Sr. No.	Details	Grant Received (Rs. In lakh)	Expenditure (Rs. In lakh)
1	Recurring Grant (MHRD) – Non Plan	4500.00	6182.89
2	Non Recurring Grant (MHRD) – Plan	8973.75	10159.08
3	Research & Development Grant (Project funded by various Govt. agencies)	122.87	150.38

**Placement during the year 2013-14 :**

The Training & Placement Section (T&P) helps the student's community to get the proper placement in various public and private sector organizations by arranging the campus interviews. The invitations in this regards were sent to different organizations. Following are the relevant information as ready reference.

The branch-wise selection made by the various organizations is as under:

<b>Sr. No.</b>	<b>Branch (UG &amp; PG)</b>	<b>No. of Students Employed (UG &amp; PG)</b>
1.	Mechanical Engineering	152(4)
2.	Electrical Engineering	54(3)
3.	Electronics & Communication Engineering	94
4.	Civil Engineering	63(1)
5.	Computer Engineering	71(1)
6.	Chemical Engineering	45
7.	MSc. Chemistry	11
	Total	490 (9)

**NOTE: The numbers in the bracket indicate the number of students getting more than ONE JOB.**

### **INTERNET FACILITIES AT THE INSTITUTE:**

The institute has a Campus-wide fiber optic 10-gigabit network with High end Central Core switch at the Central Computer Centre. Distribution Core Switch is being utilized at primary distribution centre which caters approximate 1000 connections each. Such primary distribution centres are at Library, Gajjar Bhavan, Bhabha Bhavan, Mother Terasa Bhavan etc. Almost the entire campus is covered by LAN and the plans are in force (under execution) to further extend this network to upcoming Swami Vivekanand Bhavan (Mega Boys) hostels. Wireless connectivity has already been deployed at academic zone (all Departments, Labs, workshop, Central Computer Centre, Library), Hostels, Canteen etc. which is centrally controlled from Central Computer Centre. Users including Students and Staff members are provided individual login-ids to use the machines for e-mail, internet browsing & general purpose programming. The institute is the participant of MHRD, Government of India NMEICT project through which the connectivity of 1 Gbps (150 Mbps for connectivity and rest 850 Mbps is for e-content in future) is functioning. The internet access to the institute is also available from various vendors, who provides 16 Mbps internet bandwidth each amounting to a total of 96 Mbps.

### **OTHERS:**

The Institute has successful completed first Phase of TEQIP and rated 9.5 on the scale of 10 by the TEQIP auditor and the second phase of TEQIP is going on.

Approx. 678 papers have been published by the Faculty of the Institute in various International/ National Journals/ chapter contributed in books during the year 2013-14.

Total 38 Conference, Workshop, Seminar, Symposium, Short Term Training Programmed has been organized by the Institute during the year 2013-14.

**(H. A. PARMAR)**  
**REGISTRAR**