



National Institute of Technology
Alumni Association

MILAAP

the souvenir





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***Yaa Kundendu tushara haaradhavalaa, Yaa
shubhravastraavritha |
Yaa veenavara dandamanditakara, Yaa shwetha
padmaasana ||***

***Yaa brahmaachyutha shankara prabhritibhir Devaisadaa
Vanditha |
Saa Maam Paatu Saraswatee Bhagavatee Nihshesha
jaadyaapahaa ||***



MILAAP - 2009

The Souvenir

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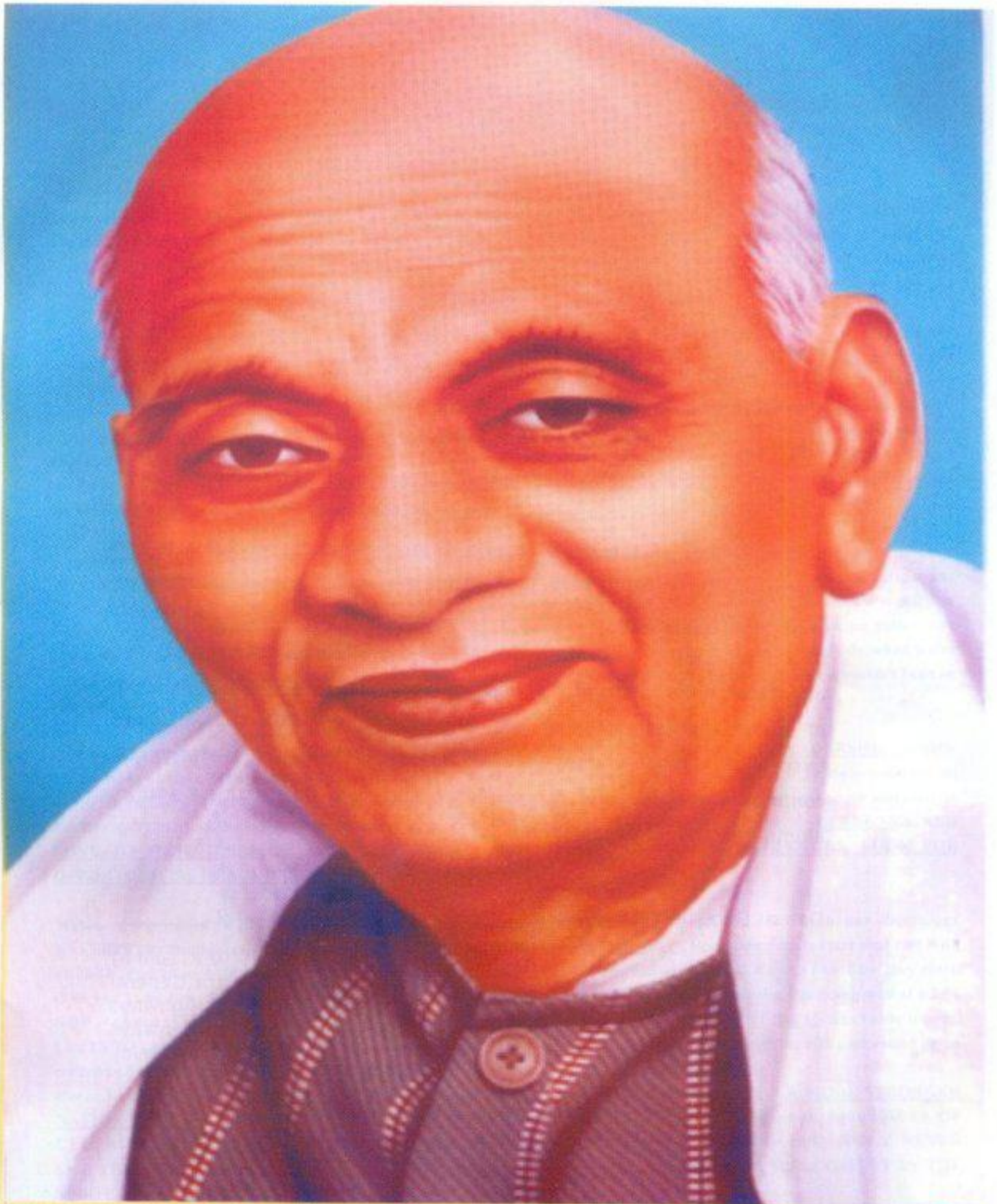
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**" કાળજી સિંહનું રાખો, સાચું કહેવાની હિંમત રાખો,
અન્યાયની સામે અવિરત લડયે રાખો,
ઘરની વાત ઘરમાં રાખો."**



वी. के. सिन्हा

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MESSAGE

Sardar Vallabhbhai National Institute of Technology (SVNIT) is one of the leading technology institutes in the country and recently they have undertaken lot of research activity particularly in the field of traffic and transportation. These studies are of national importance and as and when completed would establish a milestone in the understanding of the urban traffic related complex problems in the country. This is one of the first attempt in which such larger studies have been undertaken by SVNIT to understand the complex problems of mixed traffic on urban roads in India which have problems altogether different from the western world. Besides the above, a lot of other research studies are undertaken by SVNIT leading to excellence in research and academic activities. I hope that SVNIT will continue and pursue for its excellence and wish the Institute and its alumni the best of times ahead.

Dated: December 18, 2008

(V.K. Sinha)

Additional Director General

Ministry of Shipping, Road Transport & Highways

Department of Road Transport & Highways

New Delhi.

H.S.KOHLI PRELUDE FOR SVNIT SOUVENIR "MILAAP"

Director, Operation, Reliance Industries.

Sunday, December 28, 2008 9:44 PM

From: "Jagmohansingh.Sekhon@ril.com" <Jagmohansingh.Sekhon@ril.com>

To: SVNITALUMNI@YAHOO.COM, SVNIT.AL.SRT@GMAIL.COM

Quote:

At the close of a year that's been a tough one, I've been inspired by people around me to remember that it's often times like these – when things are at their worst – that potential for real and positive change is arguably at its very highest. Such times give each of us an opportunity to reach deep down inside ourselves to fulfill our own true, full, human potential.

At the World Economic Forum summit meeting last weekend in Dubai on the global agenda the dominant words were "change," "reboot" and "transformative." There was clear consensus on the need for fundamental change and for experimenting with new approaches to achieve it with the new realization that most of the institutions and systems that regulated our lives in the 20th century model (devoted to the creation of things - both objects and images) need to be reconfigured for the 21st century. One more step ahead towards FLATTENING of the WORLD with holistic systemic approaches coming as sustainable solutions to recession-struck companies/nations-states/societies in helping them cut costs without impeding efficiency thereby THRIVING IN RECESSION--- EXPLOITING entrepreneurial opportunities for development of austerity-friendly products and services.

It made me think about how, for better or for worse, collective action for change often requires a period of collective discomfort, or collective anger. Lean times can arguably beget innovation that is smarter than the innovation that springs from fatter times; innovations that are more practical and effectively more sustainable from both a social and financial standpoint. Great ideas flourish in prosperous times, but they are born in tougher times. When the nation's on a roll, people do things from habit ... not differently, not imaginatively... just well. But "just well" won't do when we're in an economic valley. Tougher times get flabby minds back in shape... make thinkers out of people who haven't been or haven't had to be.

How well we deal with these tough times is a matter of attitude, motivation and VISIONARY LEADERSHIP. Rapidly accelerating change. Recession, inflation, prosperity. New markets being born... others dying. The only constant on which we can rely is that when the tough times abate, they will be followed by another problem that some will view as disaster and others will see as a challenge and opportunity. Normal Isn't Anymore. LOOK for CHALLENGES....AND LOVE TO FIGHT THEM..... since LIFE IS ALL ABOUT RESPONDING TO CHALLENGES. LOOK FOR OPPORTUNITIES IN ADVERSITIES.

We are marketers of HOPE. And we now have a marketing task at hand to our society, to our nation, our clients, our associates, our employees, our peers, ourselves. The idea is to market HOPE as "Recessions/ crisis start and end with attitude. You know how to predict them, when enough people believe they will occur. And if you know how they start, then you know how they end... when enough people believe they will end. For a Nation like India still going well at 6.5 % GDP we have to consolidate our competitive edge. For us, the recession is over. MILAAP of IDEAS has made it over. Lets INNOVATE THROUGH MILAAP and restore ORDER in CHAOS. Lets make it flourish whether recession or no recession".

Hence I call upon the SVNIT fraternity to collectively contribute to MARKET THE IDEA OF A MORE STRONGER NATION. MILAAP as the name of the SOUVENIR says in one word COLLECTIVE effort to fight ISSUES OF GLOBAL CONCERN. NO MORE RECESSIONS. YES WE CAN WORK TOWARDS IT COLLECTIVELY. NEVER LET THE SPIRIT OF LIFE DIE. A NEW TOMMORROW IS ON THE ANVIL. LET'S WELCOME IT IN THE SPIRIT OF USHERING WELCOME TO 2009.

WHEN THE WORLD SLOWS DOWN, INDIA ACCELERATES. OUR TIME IS NOW. ACT AND ACCELERATE CHANGE TO MAKE THE MOST EVEN IN RECESSION.
NEW YEAR GREETINGS TO ALL READERS OF MILAAP AND GOOD WISHES TO SVNIT.



DR. W. R. SHEREKAR

Ex-Minister

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Date : 09-12-2008

To,
Shri N. M. Bhatia,
President SVNIT,
Alumni Association,
Surat Gujarat.



Dear Bhatiaji,

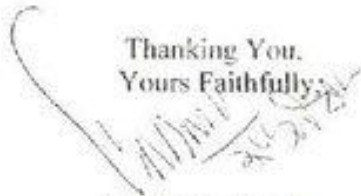
I am happy to know that, the association of Alumni of SVNIT is celebrating a silver jubilee celebration of the 1984 pass out batch on Sunday, 4 th January 2009. Alumni of SVNIT Surat is very well organized entity which has the off shoes in Government, Non- Government, corporate, and private sectors not only in India but whole over the world.

The state of Gujarat itself has an outstanding spirit of entrepreneurship, very rich culture and a well knitted social fabric. SVNIT Surat is proving to be most outstanding and highly respected premier Technological Institute of importance in the country.

You are publishing a souvenir in the memory of this celebration. I congratulate all of you and all of your associate Alumni for the gathering and wish all the success for the celebration.

With kind regards,

Thanking You,
Yours Faithfully,


Dr. W. R. Sherekar
Chairman SVNIT
Surat.



SVNIT ALUMNI ASSOCIATION

ALUMNI CONVENTION – 2009 : 3rd January, 2009

Message from Director, SVNIT, Surat

It gives me immense pleasure to address the Alumni of SVNIT (former SVRCET) Surat. Since, conversion of SVREC to SVNIT, tremendous efforts are being made in almost all the fronts, by one and all members of SVNIT family, to develop this Institute.

I am happy to note that during the last few Convocations the Gold, Silver and Bronze medals have been sponsored by SVNIT Alumni Association, to first three toppers of all seven branches at Bachelor's degree. I am also happy to know that several Alumni Chapters have since been opened at various important cities of India with the latest one at Kolkata on 14th December, 2008.

I am sure, the Institute will rise from National to Global level in association with you because of your continuous efforts in this direction.

I therefore appeal to one and all to actively get involved and enroll themselves in building the Institute in particular, and Nation at large.

I wish all the success to the association in its endeavor to excel in all walks of life.

(Dr. P. D. Porey)
Director,

SVNIT, Surat.



SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT



MESSAGE

It gives me immense pleasure to address this message to the members of the SVNIT Alumni Association who has announced to bring out a Souvenir '**MILAAP**' on the occasion of the alumni convention '**PUNARMILAN**' and celebrating Silver Jubilee function of 1984 pass out batch on 3rd January, 2009 at SVNIT, Surat, Gujarat.

I am indeed very happy to learn that after conversion from Sardar Vallabhbhai Regional College of Engineering & Technology, Surat (SVRCET) to Sardar Vallabhbhai National Institute of Technology, Surat (SVNIT) – An Institute of National Importance the SVNIT Alumni Association is first time bringing out a Souvenir MILAAP and also decided to mark the Silver Jubilee Celebration of 1984 pass out batch first time in the history of SVNIT Alumni Association.

The institute has also geared up the networking and promoted a smooth, effective and responsive system for interaction between the institute and its alumni. I feel proud that the alumni of this institute are holding key / prestigious positions at National and International Companies of repute. I am sure that they will contribute for the development of their alma-matter 'SVNIT'.

I sincerely thank the members of the SVNIT Alumni Association for their continuous efforts put in for strengthening the SVNIT Alumni Association and the institute as a whole.

My best wishes to all the members of the Alumni Association and wish a grand success for the Alumni Convention and Silver Jubilee Celebration of 1984 Pass out Batch.

Surat, 27th Dec. 2008

(H.A. PARMAR)
REGISTRAR

Message from the President

N M Bhatia

President

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Since nostalgia is the predominant theme of 'Punarmilan', or rather of any alumni meet, it would be appropriate to begin my message with some memories of the early days of the alumni association.

The seed of the alumni association was planted in a series of meets of SVNIT's (then SVRCET's) alumni beginning 1998. Held in Delhi, Ghaziabad and Noida these meets began as informal get-togethers, progressed to establishment of contact with the administration and staff and finally led to the formal inauguration of an alumni association in 2001 under the auspices of the then principal, Dr. Majumdar. With SVRCET being declared an NIT in 2002, the association was christened SVNIT Alumni Association (SAA).

With the formation of an institute based nodal association, alumni got the right platform through which they could interact with their alma mater. Now alumni conventions are being held annually, alumni have representation in the Board of Governors of SVNIT. The association also sponsors gold, silver and bronze medals for toppers of each branch of the passing out batch (with the help of generous donations by three of our alumni). In this context, the contribution of Mr. Bhadresh Shah, the then president, was noteworthy.

The association is now involved in a plethora of activities. These include providing support to financially weak students, funding student participation in various national and international conferences/competitions (like Mini Baja), sponsoring seminars in the institutes, etc. Of note is an INR 3.5 million grant from the Govt for projects in the Civil Engineering Department that alumni have worked for and secured. A tradition started by us is the celebration, every year, of

the silver jubilee function of the passing out of the respective batches of alumni (this year we will see this celebration for the batch of 1984).

We have many plans lined up in the list for the future too. Besides maintaining and intensifying the current activities of the association, we are also involved in making a databank; this is aimed at tracking those alumni who have still not joined us and to establish a live link among all by bringing them under one umbrella. Local chapters of alumni are also being formed in Surat, Ahmedabad, Bangalore, Mumbai, Delhi, Kolkata, Chennai, Nasik and Vapi. We in process is the making of an informative website of the

association. This website would enable the coming together of alumni from different fields on one platform and would open up numerous possibilities of synergies and partnerships of mutual benefit. Also in mind is the institution of an "Alumni of the Year Award" recognition of lifetime achievements of alumni who have excelled in their respective fields.

I being the President of the current Managing Committee, member of the Board of Governors and the Building and Works Committee of SVNIT always endeavor to use these positions for the betterment of our Alma Mater and the association as well.

It is my observation that the alumni of the recent past do not possess the same passion for the association and the alma mater as their predecessors from '70s, '80s and '90s do. The reason must be the initial race and pre-occupation to build up careers and take care of the family. But I strongly believe that when they will be well past their passout year, nostalgia will make them look back and associate themselves with the association.

Before I sign off I would like to give a message to one and all whatsoever we are now in our profession and social life, it is because of our alma mater. Don't forget to repay whatever we owe.

Message from,

Bhadresh F. Shah C-'76

Immediate Past President
SVNIT Alumni Association



Bhadresh Shah
Civil '76
I.P.P.

To-day, whatever we are,
Wherever we are and whatever status we are enjoying,
is all due to nothing but our alma-mater,
We should always serve possibly maximum for our alma-
mater keeping in mind that it is always less and never enough.
This should be not only the spirit, but also emotion & passion
of each and every past student.

Slowly but steadily, we are progressing towards strong foundation of our SVNITAA, since its establishment before four years, to serve our alma-mater, possibly in best manners and to tighten strong bonds of friendship, fellowship and co-operation amongst us. All alumni must become life member of our association and try to attend all the gatherings, specially alumni conventions.

I wish grand success to this 3rd Alumni Convention.

With warm regards,
BHADRESH F. SHAH, Surat
I. P. P., SVNITAA.

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FROM THE STUDENT CO-ORDINATOR'S DESK



Prakash Chandra Pandey
Student coordinator
SVNIT ALUMNI ASSOCIATION
B. Tech III Mechanical Engg.
SVNIT, Surat.

Being the student coordinator, it gives me immense pleasure in welcoming you all to 'PUNARMILAN', Annual Alumni convention 2008 and 1984 batch reunion and 25th celebration. It's been long since you were here and your 'alma mater' has undergone an age of change since you passed out, specially to mention latest developments after being elevated to prestigious 'National Institute of Technology' standards in 2004 which are noteworthy. Establishment of new buildings and huge hostels, conceiving and development of the central computer centre, commencement of various student chapters for better exposure etc are few to name. In the recent past, Sardar Vallabhbhai National Institute of Technology has emerged as one of the best NIT's in the country excelling in placement records, academic standards, event conduction, student achievements, CAT and GATE scores and every other foray of excellence.

To present to you a comprehensive account of these and everything else emerged the concept of 'MILAAP', the souvenir of convention. The magazine contains various details of the latest developments, functions, festivals, student chapters etc that will paint for you a perfect word picture of the changed face of student life in this college. Also you it has the databases of the current addresses of several pass out batches.

WISHING YOU HAPPY READING

Training & Placement Activities at SVNIT, Surat
by
Dr. D. B. Naik
Professor & Head, Training & Placement, SVNIT, Surat

The "Training & Placement Section" headed by Dr. D. B. Naik, (Ph.D. in Mechanical Engineering) is actively involved in providing training as well as placement to the students of this institute.

The Training & Placement Section provides an interface between the industry and students. A body of selected students from all the branches is formed to help Dr. D. B. Naik in his endeavor.

OBJECTIVES :

- ✓ To act as liaison between industries and Institute.
- ✓ To provide in-plant industrial training to students.
- ✓ To promote career counseling through guidance lectures by eminent professionals from industry and academic fields.
- ✓ To invite and encourage reputed companies for Campus Recruitment Programme.

The T&P section provides an interface between industry and students. Placement of students is a regular feature through on-campus and off-campus programmes by various reputed companies.

The "Training & Placement Section" of the Institute is actively involved in providing training as well as placement to the students of all branches of this institute. For the pre-final year students of "Chemical" and "Production" Engineering branches, four weeks of Industrial Training in the summer vacation is a part of curriculum, arranged by T&P section. The section also helps in providing Industrial Training for the students of all other branches in vacation. In the academic year 2007-08, applications of about 270 students were forwarded for vocational training, over and above compulsory training of 60 students and 30 students of pre-final year from Chemical and Production Engineering branches at the end of sixth semester.

The T&P section provides an interface between "Industry" and "Student". Looking at the recent liberalization and globalization in industrial policies, there are very good job potential for the students. The T&P section is actively involved in arranging "Campus Recruitment Programme" for placement of students in several industries of national and international repute. In the academic year 2007-08, 414 students have been placed through 48 companies which include 195 students getting more than ONE JOB, as per the details shown in TABLE- I. This was a record breaking placement in this year.

In the academic year 2008-09, 406 students have been placed so far in 43 companies which include 175 students getting more than ONE JOB. The details are shown in TABLE- II.

This was again, crossing 400 placements for this year and the we have not yet completed half the year.

The talented students are allowed to interact future one more CORE company of their choice. This has helped in encouraging reputed companies to visit this Institute, even at later stage. The number in the bracket in the Table indicates number of students getting more than ONE JOB.

The list of companies visited during last few years are shown in TABLE- III and the Placement Records for the last few years is shown in TABLE- IV.

GENERAL CAMPUS RECRUITMENT PROGRAMME PROCEDURE :

- Pre-Placement Talk (PPT)
- Written Test - Aptitude, Technical or Online Test
- Group Discussion (GD)
- Interview - Personal, Technical
- Feedback & Result announcement

With the blessings of the Director, Dr. P. D. Porey of this Institute and Registrar, Mr. H. A. Parmar and co-operation from all the teaching and non-teaching faculty as well as students, the records of placement are created every year. The efforts put up by Mr. Pradip Patel, Mr. Ramesh Patel and Mr. Jagdish Patel, of Training & Placement Section are really appreciable. The "T&P students' Committee" is formed which includes limited number of Under Graduate students of all branches including Post Graduate students, who work hard throughout the year.

I am proud of the students of this Institute for having required talents for them to be easily selected by reputed companies. The feedback from all these companies for past students who were selected is excellent.

The Institute has following infrastructure support for T&P activities.

- [1] Central Computer Centre
- [2] Online Library
- [3] LCD Projector, TV, VCR, OHP
- [4] Computers (Pentium IV HT with Internet connection including Laser Printer)
- [5] Laptop
- [6] Telephone – direct line with STD facility
- [7] Xeroxing Machine
- [8] Fax Machine (hp LaserJet 3030 – 4 in 1)
- [9] Institute AC Seminar Hall, AC Conference Room (ADM), AC Seminar Rooms in each Department
- [10] Two Drawing Halls with capacity of 100 each, Classes at Class Room Complex
- [11] Guest House with AC Conference Hall and 10 AC rooms including AC Dining Hall
- [12] Digital Camera

TABLE – II

Placement Record for Batch 2008–09 [Upto November, 2008]

No.	Company	No. of Students Selected (Branchwise) (UG & PG)								Total
		Computer	Electronics	Electrical	Mechanical	Production	Chemical	Civil	PG-M.Tech.	
1	TCS, Gandhinagar	12 (00)	06 (00)	02 (00)	03 (00)	06 (00)	05 (00)	04 (00)	07 (00)	45 (00)
2	WIPRO, Pune	08 (00)	27 (00)	07 (00)	12 (00)	03 (00)	06 (00)	08 (00)	05 (00)	76 (00)
3	ACCENTURE, Bangalore	16 (00)	26 (00)	10 (00)	19 (00)	04 (00)	08 (00)	06 (00)	01 (00)	90 (00)
4	TECH MAHINDRA, Pune	07 (00)	14 (00)	07 (00)	15 (00)	00 (00)	06 (00)	03 (00)		52 (00)
5	CAPGEMINI, Hyderabad	03 (00)	04 (00)	04 (00)	02 (00)	01 (00)	01 (00)	01 (00)	00 (00)	16 (00)
6	TATA ELXSI, Bangalore	02 (00)	02 (03)	01 (00)					02 (03)	07 (06)
7	TATA MOTORS, Pune				00 (03)	00 (05)				00 (08)
8	ASHOK LEYLAND, Chennai				01 (08)	00 (01)				01 (09)
9	AMDOCS, Pune	01 (16)	00 (02)						01 (00)	02 (18)
10	L&T, Surat/Mumbai	00 (00)	00 (01)	03 (00)	03 (10)	04 (03)	04 (02)	01 (00)	09 (00)	24 (16)
11	TATA POWER, Mumbai		00 (01)	03 (00)	01 (00)			01 (00)	00 (00)	05 (01)
12	DELPHI, Bangalore		00 (08)	00 (01)						00 (09)
13	CYBAGE, Gandhinagar	03 (00)	02 (00)						01 (00)	06 (00)
14	ESSAR, Surat (Gujarat)				02 (01)	03 (00)	02 (01)	01 (02)		06 (04)
15	Shapoorji Pallonji, Mumbai							00 (03)		00 (03)
16	SYNTEL, Pune / Chennai	00 (01)	00 (02)	03 (00)					00 (00)	03 (03)
17	GAMMON, Mumbai				02 (00)			05 (04)	01 (00)	08 (04)
18	VEDANTA, Silvassa	00 (00)	01 (00)	00 (00)	03 (00)	01 (00)	05 (02)	02 (00)	00 (00)	12 (02)
19	CUMMINS, Pune			01 (00)	00 (02)	00 (00)			01 (00)	02 (02)
20	ABB Limited, Bangalore		00 (00)	00 (01)	01 (01)	00 (00)		00 (00)		01 (02)
21	IOCL, New Delhi			00 (02)	01 (02)		00 (02)	00 (01)		01 (07)
22	ATOS ORIGIN, Mumbai	00 (04)	06 (00)	01 (00)					00 (00)	07 (04)
23	AREVA, Noida			00 (05)	01 (01)					01 (06)
24	L&T ECC, Ahmedabad			02 (00)	01 (02)			05 (01)	00 (00)	08 (03)
25	LINDE, Vadodara				01 (01)				00 (02)	01 (03)
26	I-FLEX, Bangalore	00 (00)	01 (00)	00 (00)	00 (00)	00 (00)	00 (00)	00 (00)		01 (00)
27	MU SIGMA, Bangalore	00 (03)	00 (06)	00 (00)	00 (02)	00 (00)	00 (00)	00 (01)		00 (12)
28	AVAYA, Pune	00 (11)	00 (05)						00 (01)	00 (17)
29	BOC, Kolkata			00 (00)	00 (01)		00 (02)			00 (03)
30	MURUGAPPA Group, Chennai		00 (00)	00 (00)	01 (00)		00 (01)			01 (01)
31	DRDO, Delhi	00 (00)	00 (01)	00 (00)	00 (00)			00 (00)		00 (01)
32	NTPC Limited, New Delhi		00 (04)	01 (04)	00 (05)	00 (02)				01 (15)
33	FUTURES FIRST, Gandhinagar	00 (00)	00 (01)	00 (00)	01 (00)	00 (00)	00 (00)	00 (01)	00 (00)	01 (02)
34	JK Tyre & Ind. Ltd., New Delhi		00 (00)	00 (00)	00 (01)	01 (00)	02 (00)		01 (00)	04 (01)
35	MECON Limited, Ranchi			03 (02)	06 (01)	02 (00)		03 (01)		14 (04)
36	ANSYS Fluent, Pune	00 (00)			00 (00)	00 (00)	00 (01)	00 (00)	01 (00)	01 (01)
37	Crompton Greaves, Mumbai			01 (02)	01 (00)	00 (00)				02 (02)
38	MICROSOFT, Hyderabad		00 (01)							00 (01)
39	ATUL Limited, Atul (Gujarat)			01 (00)	00 (00)		02 (00)	00 (00)		03 (00)
40	ARGUSOFT, Gandhinagar	01 (00)							00 (00)	01 (00)
41	JP MORGAN, Mumbai	00 (02)	00 (01)	00 (00)						00 (03)
42	EIL, New Delhi			00 (00)	00 (01)		00 (01)	00 (00)		00 (02)
43	GNVFL, Bharuch			00 (00)	00 (00)		01 (00)	00 (00)		01 (00)
	Total	53 (37)	89 (36)	50 (17)	77 (42)	25 (11)	42 (12)	40 (14)	30 (06)	406 (175)

* Total number of students who got JOB or JOBS : 406 (Boys : 348 & Girls : 58)

* Total number of students who got more than ONE JOB (number in bracket) : 175



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TABLE – III

List of Companies visited the Institute for Placements

Name of Company	Name of Company
GOOGLE India Pvt. Ltd., Hyderabad	MICROSOFT India Development Centre, Hyderabad
AVAYA India Pvt. Ltd., Pune	MU SIGMA Business Solutions Pvt. Ltd., Bangalore
AMDOCS Development Centre Pvt. Ltd., Pune (isreal)	IBM Global Services India Pvt. Ltd., Bangalore
INFOSYS Technologies Ltd., Bangalore	Hewlett Packard (hp) Global Delivery (I) Centre, B'lore
Tata Consultancy Services Pvt. Ltd., Ahmedabad	APPLIED MATERIALS Pvt. Ltd., Bangalore
Computer Sciences Corporation (P) Ltd. (CSC), Indore	JP MORGAN Services India Pvt. Ltd., Mumbai
WIPRO Technologies, Bangalore	HCL Technologies, Noida
PATNI Computer System Pvt. Ltd., Mumbai	General Motors Ltd. (GM), Halol (Gujarat)
COGNIZANT Technology Solution (P) Ltd., Pune	GEOMETRIC Limited, Pune/Mumbai
SATYAM Computer Services Ltd., Hyderabad	Indian Oil Corporation Ltd. (IOCL), New Delhi
CAPGEMINI (KANBAY Software), Hyderabad	Oil & Natural Gas Corporation Ltd. (ONGC), Dehradun
HSBC Software Development (I) Ltd., Pune	Bharat Petroleum Corporation Ltd. (BPCL), Mumbai
Larsen & Toubro Ltd. (L&T), Mumbai	NTPC Limited, Delhi
TATA MOTORS Ltd., Pune	Hindustan Petroleum Corporation Ltd. (HPCL), Mumbai
ANSYS Fluent India Pvt. Ltd., Pune	Engineers India Ltd. (EIL), New Delhi
ASHOK LEYLAND Ltd., Chennai	MECON Limited, Ranchi (Jharkhand)
Asea Brown Broveri Ltd. (ABB), Vadodara / Bangalore	SHAPOORJI PALLONJI & Co Ltd., Mumbai
Defence R & D Organization (DRDO), Delhi	CareerNet Consulting (PeP), Bangalore
ESSAR Group of Companies, Surat (Gujarat) / Mumbai	ACCENTURE Services Pvt. Ltd. (IDC), Bangalore
BOC India Ltd., Kolkata	Futures First Info Services Pvt. Ltd., Gandhinagar
TCE Consulting Engineers Ltd., Mumbai	GEODESIC Information Systems Ltd., Bangalore
SASKEN Communication Tech. Ltd., Bangalore	L&T INFOTECH Ltd., Mumbai
CROMPTON GREAVES Ltd., Mumbai	I-FLEX Solutions Ltd., Bangalore
EMERSON Network Power (I) Pvt. Ltd., Thane	ATOS ORIGIN Ltd., Mumbai
DELPHI Automotive Systems Pvt. Ltd., Bangalore	TATA ELXSI Ltd., Bangalore
ALSTOM Projects India Ltd., Delhi	MAHINDRA & MAHINDRA Ltd., Mumbai
L&T – ECC Ltd., Ahmedabad (Gujarat)	ARGUSOFT India Ltd., Gandhinagar
BLUE STAR Limited, Mumbai	TECH MAHINDRA Ltd., Pune
SKF Group, Pune / Bangalore	RELIANCE Communications Venture Ltd., Mumbai

**TABLE : I
Placement Record for Batch 2007-08**

No.	Company	No. of Students Selected (Branchwise) (UG & PG)							Total	
		Computer	Electronics	Electrical	Mechanical	Production	Chemical	Civil		PG-M.Tech.
1	IBM, Bangalore	21 (00)	33 (00)	16 (00)	18 (00)	06 (00)	15 (00)	00 (00)	05 (00)	114 (00)
2	WIPRO, Bangalore	08 (00)	18 (00)	13 (00)	17 (00)	02 (00)	07 (00)	09 (00)	05 (00)	79 (00)
3	INFOSYS, Bangalore	09 (00)	14 (00)	08 (00)	19 (00)	07 (00)	10 (00)	08 (00)	01 (00)	74 (00)
4	ACCENTURE, Bangalore	06 (00)	05 (00)	05 (02)	12 (00)	01 (00)	02 (00)	04 (00)		36 (02)
5	KANBAY, Hyderabad	00 (00)	01 (00)	01 (00)	01 (00)	02 (00)	03 (00)	01 (00)	00 (00)	06 (00)
6	TATA MOTORS, Pune				00 (05)	00 (01)				00 (06)
7	DELPHI, Bangalore		00 (05)	03 (02)						00 (05)
8	LARSEN & TOUBRO, Mumbai	00 (00)	00 (00)	00 (00)	02 (03)	02 (02)	00 (01)	00 (00)	07 (00)	11 (06)
9	ASHOK LEYLAND, Chennai				00 (03)	00 (03)				00 (06)
10	ATOS ORIGIN, Mumbai	01 (00)	07 (00)	01 (00)					03 (00)	12 (00)
11	AMDOCS, Pune	00 (11)	00 (04)						01 (01)	01 (16)
12	GEOMETRIC, Pune	01 (01)			04 (01)				03 (00)	06 (02)
13	VEDANTA, Silvassa	00 (00)	01 (00)	01 (00)	02 (03)	00 (00)	02 (00)	00 (00)	01 (00)	07 (03)
14	TATA ELXSI, Bangalore	01 (01)	01 (02)						02 (01)	04 (04)
3	CYBAGE, Gandhinagar	01 (00)							02 (00)	03 (00)
16	ESSAR, Surat (Gujarat)			01 (00)	01 (00)	00 (00)	01 (01)	02 (01)		05 (02)
17	ISGEC, Bharuch (Gujarat)								03 (00)	03 (00)
18	BPCL, Mumbai	00 (01)	00 (03)	01 (00)	00 (03)					01 (07)
19	IOCL, New Delhi			00 (02)	00 (03)		01 (01)	00 (02)		01 (06)
20	L&T ECC, Ahmedabad			00 (00)	01 (00)			00 (04)		01 (04)
21	TELCOM, Jamshedpur				01 (00)					01 (00)
22	ALSTOM, Delhi		02 (01)	00 (03)	01 (05)	00 (00)		00 (00)		03 (10)
23	ACC, Mumbai		00 (00)	00 (00)	00 (00)		00 (01)	01 (00)	00 (00)	01 (01)
24	TCE, Mumbai			00 (00)	00 (00)	00 (00)	00 (02)	02 (00)	03 (00)	05 (02)
25	NTPC, New Delhi		00 (02)	02 (04)	00 (05)	00 (04)		02 (04)		04 (24)
26	FUTURES FIRST, Gandhinagar	00 (00)	00 (02)	00 (00)	00 (00)	00 (00)	00 (00)	00 (00)	00 (00)	00 (02)
27	STERLING, Vadodara							01 (00)	04 (00)	05 (00)
28	CROMPTON GREAVES, Mumbai			00 (05)	00 (00)					00 (05)
29	RELIANCE ENERGY, Mumbai			00 (12)					03 (00)	03 (12)
30	PHILIPS, Mumbai			00 (00)	00 (01)	00 (00)				00 (01)
31	STERLITE, Silvassa		00 (00)	00 (00)	00 (00)	00 (00)	01 (00)	00 (00)		01 (00)
32	TATA TELESERVICES, Ahmedabad		01 (00)							01 (00)
33	EIL, New Delhi			00 (01)	00 (03)		00 (03)	00 (00)		00 (07)
34	GODREJ, Mumbai				00 (01)	00 (00)	00 (00)			00 (01)
35	NMSEZ, Navi Mumbai			01 (00)	00 (00)			01 (03)	02 (00)	04 (03)
36	UNITECH, Gurgaon (Haryana)							00 (00)	01 (00)	01 (00)
37	ABG Shipyard, Bharuch (Gujarat)		01 (00)	00 (00)	00 (00)	00 (00)		00 (00)	03 (00)	04 (00)
38	CARGILL, Kutch (Gujarat)				01 (01)	00 (00)	00 (00)			01 (01)
39	AFCONS, Mumbai							00 (00)	02 (01)	02 (01)
40	HPCL, Mumbai			00 (06)	00 (06)		02 (11)	00 (02)	00 (00)	02 (30)
41	MAHINDRA & MAHINDRA, Mumbai				00 (03)					00 (03)
42	ONGC, Dehradun		00 (04)		00 (06)				00 (01)	00 (14)
43	TORRENT POWER, Surat (Gujarat)			01 (00)	02 (00)				01 (00)	04 (00)
44	EMCO, Thane (Maharashtra)								03 (00)	03 (00)
45	JK TYRE, New Delhi		01 (00)	00 (00)	00 (00)	00 (00)	00 (00)		02 (00)	03 (00)
46	APPLIED MATERIALS, Bangalore	00 (03)							00 (00)	00 (03)
47	SKF Group, Pune				00 (00)	00 (01)			00 (00)	00 (01)
48	INGRAM MICRO, Mumbai	00 (02)	00 (02)	00 (01)						00 (05)
	Total	48 (19)	85 (27)	50 (38)	82 (60)	20 (11)	41 (20)	31 (16)	57 (04)	414 (195)

* Number of students who got ONE JOB or TWO JOBS : 414 (Boys : 352 & Girls : 62)

* Number of students who got TWO JOBS : 195

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MARUTI UDYOG Ltd., Gurgaon (Haryana)	PHILIPS Electronics India Ltd., Mumbai
SANMAR Engineering Corporation, Chennai	GE Energy Ltd., Mumbai
VEDANTA Resource Plc, Silvassa	KENNAMETAL India Pvt. Ltd., Bangalore
RELIANCE ENERGY Ltd., Mumbai	JK Tyre & Industries Ltd., New Delhi
The TATA POWER Co. Ltd., Mumbai	SYNTEL (India) Ltd., Pune / Chennai / Mumbai
SIEMENS (India) Ltd., Mumbai	The Associated Cement Cos. Ltd. (ACC), Mumbai
CUMMINS India Ltd., Pune	AFCONS Infrastructures Ltd., Mumbai
CYBAGE Software Pvt. Ltd., Pune / Gandhinagar	GAMMON India Ltd., Mumbai
UNITECH Ltd., Gurgaon (Haryana)	Navi Mumbai SEZ Pvt. Ltd. (NMSEZ), Navi Mumbai
Telco Const. Equip. Com. Ltd. (TELCON), Jamshedpur	GODREJ Industries & Associate Co. Ltd., Mumbai
ATUL Ltd., Atul (Gujarat)	THERMAX India Ltd., Pune
AREVA T&D India Pvt. Ltd., Noida	LINDE Engineering (I) Pvt. Ltd., Vadodara (Gujarat)
ISGEC, Dahej, Dist. Bharuch (Gujarat)	INGRAM MICRO India Pvt. Ltd., Mumbai
FISERV India Pvt. Ltd., Pune/Noida	Gujarat Narmada Valley Fertilizers Co. Ltd., Bharuch
CARGILL India Pvt. Ltd., Gurgaon (Haryana)	TORRENT POWER Ltd., Ahmedabad (Gujarat)
MURUGAPPA Group, Chennai	Gujarat Gas Company Ltd. (GGCL), Ahmedabad
POLARIS Software Lab (India) Ltd., Mumbai	ABG Shipyard Ltd., Surat / Dist. Bharuch (Gujarat)
Mahindra British Telecom (MBT), Mumbai	EICHER Ltd., Aurangabad
Forbes Marshall Group, Pune	VOLTAS Ltd., Mumbai
TVS Motors Ltd., Bangalore	PERSISTENT Systems Pvt. Ltd., Pune
GODREJ & Boyce Mfg. Co. Ltd., Mumbai	SUZLON Energy Ltd., Daman (UT)
ADANI Group of Companies, Ahmedabad (Gujarat)	Kirloskar Oil Engines Ltd. (KOEL), Pune
TEXAS Instruments, Bangalore	LUPIN Pharma Ltd., Mumbai
HUTCHISON Max (India) Ltd. (Orange), Mumbai	JMC Projects (India) Ltd., Ahmedabad (Gujarat)
HERO HONDA Motors Ltd., Delhi	ISPAT Industries Ltd., Raigad (Maharashtra)
BAJAJ Auto Ltd., Pune	TATA CHEMICALS Ltd., Mithapur (Gujarat)
WINDOWMAKER Softwares Ltd., Vadodara (Gujarat)	STERLITE Technologies Ltd., Silvassa
GRINDWELL NORTON Ltd., Mumbai	GCI Solutions Ltd., Bangalore
STERLING Engineering & Design Group, Vadodara	MARICO Industries Ltd., Mumbai
APEX Technologies, Bangalore	VERIZON Data Services (I) Pvt. Ltd., Bangalore
Future Techno Design Pvt. Ltd. (FTDPL), Bangalore	HEXAWARE Technologies Ltd., Navi Mumbai
ITW Signode Ltd., Hyderabad	USHA MARTIN (U.M.) Cables Ltd., Silvassa
Professional Tutorials (PT Education), Surat (Gujarat)	ORIOLE Software Ltd., Surat (Gujarat)
Foundation Studies for Management, Surat (Gujarat)	DOSHION Limited, Ahmedabad


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T.I.M.E., Secunderabad	Indian Rayon & Ind. Ltd., (Adity Birla), Veraval (Guj.)
SHAW WALLACE & Co. Ltd., Mumbai	TRANSRAIL Engineering Company Ltd., Vadodara
PAXONET Technologies, Pune	PI Industries Ltd., Gurgaon (Haryana)
SCHINDLER'S (India) Ltd., Mumbai	CADILA Pharmaceuticals Ltd., Ankleshwar (Gujarat)
Indian Navy (NAVAL), Mumbai	DRESSER-RAND (India) Ltd., Ahmedabad (Gujarat)
Indian Army, Vadodara (Gujarat)	ASIAN PAINTS Ltd., Ankleshwar (Gujarat)
Indian Air Force (IAF), New Delhi	PLANET ASIA, Bangalore
GTL Ltd., Mumbai	MEGASOFT Ltd., Bangalore
MM Aqua - TEGA, Bangalore	Electro-steel Castings Ltd., Ahmedabad
COMPAQ, Bangalore	HITACHI Home & Life Solu. (I) Ltd., Mehsana (Guj.)
Cico Technotrade Ltd., New Delhi	V.S.N.L., Mumbai
Gujarat State Fertilizers Co. Ltd. (GSFC), Vadodara	TAVANT Technologies, Bangalore
Sunrise Polymers & Ind. (I) Ltd., Vadodara (Gujarat)	CAIRN ENERGY Pty. Ltd., Chennai
Indian Dairy Machinery Co Ltd., Anand (Gujarat)	INGERSOLL RAND (India) Ltd., Ahmedabad (Gujarat)
IPCL, Vadodara (Gujarat)	Videocon Narmada Glass, Bharuch (Gujarat)
D & H Secheron Electrodes, Mumbai	SWIL Ltd., Jhagadia Di. Bharuch (Gujarat)
R. R. Builders Ltd., Surat (Gujarat)	Peass Automation Ltd., Navsari (Gujarat)
Environ Control Ltd., Surat (Gujarat)	Tata Tele-services Ltd., Ahmedabad (Gujarat)
Condor Footwear (I) Ltd., Surat (Gujarat)	RALLIS (India) Ltd., Ankleshwar (Gujarat)
Baroda Rayon Corporation Ltd. (BRC), Surat (Gujarat)	North Delhi Power Ltd. (NDPL), Delhi
HIMSON Textiles Industries Ltd., Surat (Gujarat)	APTECH Ltd., Mumbai
CYANIDES Bio-chemicals Ltd., Surat (Gujarat)	BMS Projects Pvt. Ltd., Surat (Gujarat)
Pratham Reality Pvt. Ltd., Vadodara	ALTRET Performance Chemicals (P) Ltd., Surat (Guj.)
Gujarat Guardian Ltd., Ankleshwar (Gujarat)	Sahajanand Technology Pvt. Ltd., Surat (Gujarat)
J - IQ Technology Pvt Ltd., Hyderabad	Gujarat Glass Ltd., Kosmba (Gujarat) / Mumbai
Bosch Rexroth (India) Ltd., Ahmedabad (Gujarat)	Kothari Infotech Ltd., Surat (Gujarat)
Andhra Bank, Hyderabad	BIRLA Cellulosic (Aditya Birla Group), Bharuch (Guj.)
Tech - Pacific (India) Ltd., Mumbai	AIIT, Surat (Gujarat)
BATLIBOI Ltd., Mumbai & Surat	Span Diagnostics Ltd., Surat (Gujarat)
UTTAM GALVA Steel Ltd., Mumbai	VIDEOCON Communication Ltd., Aurangabad
Birla AT & T, Gandhinagar	Kirloskar Brothers Ltd., Sangli (Maharashtra)

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TABLE – III

Placement Record during 1999-00 to 2008-09 batches

Branch & Course	Number of students selected through Campus Recruitment Programme (UG & PG)						
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 (Up to Nov., 2008)
Electronics	28	42	63	59 (15)	79 (14)	85 (27)	89 (36)
Mechanical	31	47	63	67 (17)	75 (17)	82 (60)	77 (42)
Chemical	12	19	29	32 (06)	37 (06)	41 (20)	42 (12)
Civil	14	08	09	28 (01)	27 (04)	31 (16)	40 (14)
Electrical	21	34	35	41 (10)	40 (07)	50 (38)	50 (17)
Computer	25	28	41	35 (14)	45 (10)	48 (19)	53 (37)
Production	11	12	15	26 (08)	18 (05)	20 (11)	25 (11)
PG (Mechanical)	–	01	01	05 (00)	09 (00)	20 (01)	12 (00)
PG (Civil)	–	01	01	05 (00)	05 (00)	12 (01)	03 (02)
PG (Electronics)	–	–	–	–	01 (00)	06 (01)	06 (03)
PG (Chemical)	–	–	–	–	00 (00)	01 (00)	01 (00)
PG (Electrical)	–	–	–	–	–	08 (00)	02 (00)
PG (Computer)	–	–	–	–	–	10 (01)	06 (01)
TOTAL	142	192	257	298 (71)	336 (63)	414 (195)	406 (175)
Boys	130	176	230	268	279	352	348
+ Girls	12	16	27	30	57	62	58

D. B. Naik

(Dr. D. B. Naik)
Professor, Training & Placement Section
SVNIT, Surat (Gujarat)

A Look at Departments

Applied Mechanics Engineering Department

The Department of Applied Mechanics an independent functioning unit, is the backbone of Civil Engineering. It offers expertise in the fields of:

1. Structural Engineering
2. Geotechnical Engineering

The Department also assists in imparting basic courses in Engineering Mechanics and Mechanics of Solids to the students of all other disciplines. At under graduate level in Civil Engineering, the subjects offered are Structural Analysis, Structural design, Geotechnical engineering, electives in advanced designs and analysis, and also seminars and designs projects in the relevant areas of applications to industry and research.

At postgraduate level, it independently conducts M.Tech. in Structural Engineering since last 25 years. The course is approved by AICTE. It has been accredited with "A" Grade by NBA, New Delhi. The department has one Professor, Four Assistant Professors and Seven Lecturers. Four of the faculty members have acquired Ph.D. The department also conducts M.Tech in Soil Mechanics & Foundation Engineering and has been approved by AICTE

The department has well equipped laboratories:

- (1) Computer Laboratory
- (2) Geotechnical Engineering Laboratory
- (3) Structural Analysis and Material Testing Laboratory
- (4) Heavy Structures and Prestressed Concrete Laboratories
- (5) Photoelastic/Experimental Stress Analysis / Dynamic Laboratories.

Research Work:

Six of the papers authors by department faculty have received awards and medals in the past like Hari Om Ashram Premit Award. The department has started with full time and part-time research schemes since July -2004, leading to Ph.D. degree. Three external candidates from other technical institutions have joined the scheme. Three of the faculty members have also started their research work under part-time category.

Testing & Consultancy:

The department has been a pioneer and leader to carry out testing and challenging consultancy work in the fields of Geotechnical and structural engineering. The soil exploration techniques, bearing capacity predictions, structural engineering strength assessments, overall stability checks, design checking of vibration and dynamics related problems are the areas of consultancy services which have been referred to the department. Last year the Department has conducted testing & consultancy work worth more than Rs. 10 Lacs.

Other Contributions:

The department organizes the summer / winter schools imparting knowledge and expertise to other engineering college and polytechnic teachers. The crowning glory is the successful organizations of National Conference on Bridges and Flyovers in 1997. The National Service Scheme, ISTF, The Centre of Humanity Resource Development and Continuing Education Programmes are also under the responsibility of the faculty



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members from this Department.

The department presents a picture of a small but fully dedicated and developed faculty contributing to all round growth of students, Institute, Industries and Society.

Applied Science & Humanities Department

A full-fledged Department of Mathematics and Humanities was created from the General Department of Applied Sciences and Humanities in December 1970. However, due to administrative reasons, this Department was merged with the Departments of Physics and Chemistry in September 1991 to form the existing Department of ASH.

The faculty members have contributed over 120 research papers at the National and International Journals and Proceedings of conferences/symposia, conducted a number of sponsored projects and supervised 18 Ph.D theses and 19 M.Phil. dissertations. The Section has given particular attention to the continuing academic programmes and have organized 6 All India seminars / workshops, 6 summer / winter schools, 3 conferences of National level. It has developed collaborations with prestigious institutions viz.,

International Centre of Theoretical Physics, Trieste, Italy, **INRIA**, Le Chesnay, France and encouraged its Faculty and Research workers to participate in International academic programmes.

Centre of Excellence in Corrosion and its control is active in taking up corrosion testing and consultancy. Allied Chemical testing and consultancy is also carried out. Various research projects from UGC, DST, CSIR and MHRD are completed and at present MHRD sponsored project on corrosion of steel in concrete is in progress. A Surat Chapter of the Society for Advancement of Electrochemical Science and Technology (SAEST), head quartered at Karaikudi is recently opened.

A five-year integrated M.Sc. program is also in pipeline. Envisaging the growing importance of the developments in Basic Sciences, Department of Applied Sciences and Humanities of our institute is the front runner in initiating the novel courses in the subject of Physics, Chemistry and Mathematics.

Chemical Engineering Department

Chemical Engineering Department of National Institute of Technology, Surat was started recently in 1995. As a separate Department, its potential has been recognized as a rich resource of well trained Chemical Engineers. It is today one of the premier Departments of this college. The Department has built up a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research. Constant efforts are being put up to make this department to be ranked as one of the best in India within next few years. The Department strives to provide graduate students with facilities and environment that are conducive for creative and dynamic work.

The Department has excellent lab facilities for students that make their knowledge over the texts more clear. These include:

- Heat Transfer
- Fluid Flow Operations
- Mass Transfer Operations
- Chemical Reaction Engineering
- General Chemical Technology
- Computer Aided Design



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tpf

- Instrumentation and Process Control Laboratory
- Mechanical Operations Laboratory
- Transport Phenomena Laboratory
- Safety and Waste Management Laboratory

Civil Engineering Department

The department is one of the pioneering departments, since the commencement of the college in 1961. Over the years, the department has progressed at a rapid pace with the development in both the spheres of infrastructure facilities and faculty members. The department has highly qualified faculty members engaged in teaching and research with the aim of achieving excellence in various fields. The faculty members are specialized in different disciplines of Civil Engineering.

The department offers the Under Graduate course in Civil Engineering and Post Graduate programs in the following areas:

1. Environmental Engineering
2. Town & Regional Planning
3. Water Resources Engineering

The department also offers Ph.D. programs and basic research activities are carried out in the areas of Environmental Engg., Town & Regional Planning, Water Resources Engg., Transportation Engg.

The department has 8 well equipped laboratories attached to different divisions for conducting teaching, research and consulting activities. The different facilities available in the laboratories are:

- Environmental Engineering Laboratory
- Water resources Engineering Laboratory
- Transportation Engineering Laboratory
- Surveying laboratory
- Computer Rooms
- Remote Sensing Laboratory
- Engineering Geology laboratory
- Urban Studio
- Model room

Computer Engineering Department

The Department of Computer Engineering originated from the Department of Electronics Engineering, and was established in 1989. It offers Undergraduate degrees in Computer Engineering. The first batch of students of computer engineering passed out in 1992.

The department has well-equipped laboratories consisting of the state-of-the-art servers & computers - used by the students of second, third and the final year Computer Engineering. The curriculum was designed keeping in view industrial and research needs, as well as the rapid development in the IT industry.

Induction of new courses from time to time enables the students to keep abreast of recent technological development. Flexibility in curriculum is provided through Electives, Seminars and Projects. The students with their innovative ideas implemented, routinely present Technical Papers at National level Symposia, and achieve laurels. The



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Department has always strived for excellence and receives grants to develop and modernize its laboratories. Among the partnerships forged for this purpose are:

- Oracle WDP(Workforce Development Programme), *Oracle India Pvt. Ltd.*
- Campus Connect Program, *Infosys Technologies Ltd.*
- MSDN-Academic Alliance, *Sun Microsystems.*
- *Sun Developer Network.*
- Intel Multi-Core University Program, *Intel.*
- College to Career Programme, *The Government of Gujarat* initiative with *M/s Microsoft Corporation and TCS(Tata Consultancy Services)*, Gandhinagar.
- PG Project from *IBM Pvt.Ltd.* Bangalore

Electrical Engineering Department

The B.E./B.Tech. course in Electrical Engineering of SVNIT, Surat was started in 1961 and has been keeping pace with the latest technology in industries. We have always maintained a policy of providing students with state-of-the-art systems with regularly upgraded curriculum. The course is composed of Electrical Engineering as well as relevant software and hardware subjects. Superb laboratory facilities along with unlimited access to the INTERNET bring out future Electrical Engineers of high caliber. The Department has its syllabus designed as per the latest technology required all around the globe. Laboratories include:

- Electrical Machines Laboratory
- Measurement Laboratory
- Control System Laboratory
- Switchgear and Power System Laboratory
- Power Electronics Laboratory
- Microprocessors and Project Laboratory
- Computer and Project Laboratory
- Circuits Laboratory

Electronics Engineering Department

The B.E. course in Electronics Engineering of SVNIT Surat was started in 1982 and has been keeping pace with the latest technology in industries. We have always maintained a policy of providing students with state-of-the-art systems and laboratories with regularly upgraded curriculum. The course is composed of electronics & communication as well as relevant software and hardware subjects.

The Department has excellent lab facilities for students that make their knowledge over the texts more clear. Modern appliances and digital instruments make the students expert in new techniques in the field. The syllabus prescribed is based upon industrial demands and new ideas that features in today's competitive world. Students provided with modern facilities are expected to be a successful electronics engineer of the future. Engineers from this college are seen to perform efficiently in Industries as well as in research fields.

- Electronics System Lab
- Communication Lab
- Microprocessor Lab
- Pulse & Digital Lab



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- Advanced Computing

Mechanical Engineering Department

Established in 1961, The Department of Mechanical engineering now offers Undergraduate courses in Mechanical Engineering, two Post Graduate courses and also has facilities for research work leading to a Doctorate degree. In 1988, an intensive survey of various industries revealed the need for an Engineering Degree Program that covered both Technological and Managerial aspects of Manufacturing. Thus was established Production Engineering.

This Department has 35 experienced staff, of which every third faculty member has a doctorate degree. The Department has over a dozen laboratories with sophisticated equipments like:

- Heat, Mass Transfer and Boiler Laboratory
- I.C. Engines Laboratory.
- Fluid Mechanics and Fluid Power Lab.
- Dynamics Laboratory.
- Fuel Laboratory.
- Metallurgy Laboratory.
- CAD Laboratory
- Solar Laboratory
- Cryogenics Laboratory
- Workshop
- Machine Tool Laboratory
- Metrology Lab with Mitutoyo instruments
- Production Engg. Laboratory
- Robotics Laboratory

The Department has always strived for excellence and receives grants to modernise its laboratories.

Production Engineering

The discipline of Production Engineering aims at bringing optimum co-ordination among manufacturing processes, plant, manpower and managerial policies for maximum productivity with most economical input of capital Resources.

The discipline of Production Engineering is offered by the department of Mechanical Engineering. It was established in the year 1988-89. This course encompasses a major part of the discipline of Mechanical Engineering with stress on technological and managerial aspects of Manufacturing Engineering.

Contrary to the same discipline offered elsewhere, our discipline is an integral part of Mechanical Department thus making it a robust course with access to all the facilities and faculties of the Department of Mechanical Engineering.

The same discipline is known as Manufacturing Engineering in the U.S.A., Machine Tool Technology in Germany and Russia and Production Engineering in the U.K. and rest of Europe.

LIST OF TEACHING STAFF AS ON 01/12/2008

Sr. No.	Name	Designation	Department
1.	Dr. P. D. Porey	Director	--
2.	Dr. N.J. Mistry	Professor	CED
3.	Dr. N.C. Shah	Professor	CED
4.	Dr. B.K. Samtani	Professor & Head	CED
5.	Dr. J.N. Patel	Professor	CED
6.	Dr. Premlal Patel	Professor	CED
7.	Prof. N.N. Patel	Asst. Prof	CED
8.	Dr. J.E.M. Macwan	Asst. Prof	CED
9.	Dr. R.A. Christian	Asst. Prof	CED
10.	Dr. G.J. Joshi	Asst. Prof	CED
11.	Dr. Mansoor Ahamed	Asst. Prof	CED
12.	Shri B.J. Balliwala	Lecturer	CED
13.	Mrs. A.K. Khambete	Lecturer	CED
14.	Shri S.M. Yadav	Lecturer	CED
15.	Shri P.G. Agnihotri	Lecturer	CED
16.	Shri K.A. Chauhan	Lecturer	CED
17.	Mrs. Jariwala Namrata D.	Lecturer	CED
18.	Shri. Solanki Amitkumar J.	Lecturer	CED
19.	Shri B. N. Tandel	Lecturer	CED
20.	Shri G. D. Kale	Lecturer	CED
21.	Shri Kunwar Durg Vijay Singh	Lecturer	CED
22.	Shri A. Dhamaniya	Lecturer	CED
23.	Shri D. A. Patel	Lecturer	CED
24.	Shri S. R Rohidas	Lecturer	CED
25.	Shri J. P. Mandwara	Lecturer	CED
26.	Dr. J.A. Desai	Professor & Head	AMD
27.	Dr. H.S. Patil	Professor	AMD
28.	Prof. D.B. Rajiwala	Asst. Prof	AMD
29.	Prof. S.N. Desai	Asst. Prof	AMD
30.	Prof. R.T. Patel	Asst. Prof	AMD
31.	Dr. C.D. Modhera	Asst. Prof.	AMD
32.	Shri A.K. Desai	Lecturer	AMD
33.	Shri B.J. Mehta	Lecturer	AMD
34.	Shri S.A. Vasanwala	Lecturer	AMD
35.	Shri C.H. Solanki	Lecturer	AMD
36.	Shri A.J. Shah	Lecturer	AMD
37.	Shri Y. D. Patil	Lecturer	AMD
38.	Shri A. M. Parghi	Lecturer	AMD
39.	Shri G. R. Vesmawala	Lecturer	AMD
40.	Shri Satyajit Patel	Lecturer	AMD
41.	Shri Shailendra Kumar	Lecturer	AMD
42.	Dr. R. V. Rao	Professor & Head	MED
43.	Dr. S.A. Channiwala	Professor	MED
44.	Dr. H.B. Naik	Professor	MED
45.	Dr. H.K. Raval	Professor	MED
46.	Dr. H.J. Nagarsheth	Professor	MED
47.	Dr. P.R. Tailor	Professor	MED
48.	Prof. H.D. Desai	Asst. Prof	MED
49.	Prof. V.M. Daiya	Asst. Prof	MED
50.	Prof. S.N. Gaderia	Asst. Prof	MED
51.	Dr. D.V. Bhatt	Asst. Prof	MED
52.	Dr. D.P. Vakharia	Asst. Prof	MED



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Sr. No.	Name	Designation	Department
53.	Dr. K.P. Desai	Asst. Prof	MED
54.	Dr. J. Banerjee	Asst. Prof	MED
55.	Dr. A.A. Shaikh	Asst. Prof	MED
56.	Dr. Shailendra Kumar	Asst. Prof	MED
57.	Shri T.N. Desai	Lecturer	MED
58.	Dr. M.K. Bhatt	Lecturer	MED
59.	Shri B.M. Sutaria	Lecturer	MED
60.	Shri A.D. Parekh	Lecturer	MED
61.	Shri M.B. Maisuria	Lecturer	MED
62.	Shri D.B. Gohil	Lecturer	MED
63.	Shri D.I. Lalwani	Lecturer	MED
64.	Shri Ashish V. Doshi	Lecturer	MED
65.	Shri Rupesh D. Shah	Lecturer	MED
66.	Shri A. B. Makwana	Lecturer	MED
67.	Mrs. J. V. Menghani	Lecturer	MED
68.	Shri M. K. Rathod	Lecturer	MED
69.	Shri Dinesh Singh	Lecturer	MED
70.	Shri A. Mahto	Lecturer	MED
71.	Dr. Achchhe Lal	Lecturer	MED
72.	Shri H. B. Mehta	Lecturer	MED
73.	Mrs. Baloni Beena	Lecturer	MED
74.	Shri Bade Mukund	Lecturer	MED
75.	Shri Arun P.	Lecturer	MED
76.	Prof. A.R. Jariwala	Asst. Prof	EED
77.	Dr. Ms. Chowdhury A.	Asst. Prof.	EED
78.	Prof. M.N.Bhusavalwala	Asst. Prof	EED
79.	Prof. Mrs. V.A. Shah	Asst. Prof & Head	EED
80.	Shri J.J. Patel	Lecturer	EED
81.	Shri H.R. Jariwala	Lecturer	EED
82.	Shri M.A. Mulla	Lecturer	EED
83.	Miss. Manisha Chauhan	Lecturer	EED
84.	Mrs. R. Chudamani	Lecturer	EED
85.	Shri A.K. Panchal	Lecturer	EED
86.	Shri P. M. Kundu	Lecturer	EED
87.	Shri P.B. Darji	Lecturer	EED
88.	Shri Shabharaj Arya	Lecturer	EED
89.	Ms. K. K. Prajapati	Lecturer	EED
90.	Shri H. G. Patel	Lecturer	EED
91.	Shri Rakesh Maurya	Lecturer	EED
92.	Shri Ranjeet Roy	Lecturer	EED
93.	Ms. Chandani Gor	Lecturer	EED
94.	Ms. Vasundhara Mahajan	Lecturer	EED
95.	Prof. Mrs. N.Y. Desai	Asst. Prof	ECED
96.	Prof. B.R. Taunk	Asst. Prof & Head	ECED
97.	Dr. (Ms.) Suprava Patnaik	Asst. Prof.	ECED
98.	Shri A.H. Lalluwadia	Lecturer	ECED
99.	Mrs. U.D. Dalal	Lecturer	ECED
100.	Shri N.B. Kanirkar	Lecturer	ECED
101.	Shri P.K. Shah	Lecturer	ECED
102.	Shri J.N. Sarvaiya	Lecturer	ECED
103.	Shri Anandkumar Darji	Lecturer	ECED
104.	Shri Piyush N. Patel	Lecturer	ECED
105.	Shri Zuber M. Patel	Lecturer	ECED
106.	Shri Engineer Pinal	Lecturer	ECED



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107.	Ms. Kulkarni Rasika	Lecturer	ECED
108.	Shri A. Mandloy	Lecturer	ECED
109.	Ms. Shilpi Gupta	Lecturer	ECED
110.	Shri Golak Santra	Lecturer	ECED
111.	Ms. Patel Jigisha N	Lecturer	ECED
112.	Dr. D. R. Patel	Professor	COED
113.	Prof. D. C. Jinwala	Asst. Prof	COED
114.	Dr. M. A. Zaveri	Asst. Prof. & Head	COED
115.	Shri R. P. Gohil	Lecturer	COED
116.	Ms. Rupa G. Mehta	Lecturer	COED
117.	Ms. Krupa N. Jariwala	Lecturer	COED
118.	Ms. Dipti P. Rana	Lecturer	COED
119.	Shri U. P. Rao	Lecturer	COED
120.	Shri S. R. Goyal	Lecturer	COED
121.	Dr. Z.V.P. Murthy	Professor	CHED
122.	Dr. P.A. Parikh	Professor	CHED
123.	Dr. Ms. M. Chakraborty	Asst. Prof. & Head	CHED
124.	Dr. (Mrs.) Parikh Jigisha	Asst. Prof.	CHED
125.	Dr. (Ms.) M. Mukhopadhyay	Asst. Prof.	CHED
126.	Shri Chetan M. Patel	Lecturer	CHED
127.	Shri V. N. Lad	Lecturer	CHED
128.	Shri S. R. Patel	Lecturer	CHED
129.	Dr. A. Mungray	Lecturer	CHED
130.	Ms. Solanki Jignasagauri	Lecturer	CHED
131.	Shri A. Jana	Lecturer	CHED
132.	Shri M. Desai	Lecturer	CHED
133.	Dr. G.N. Mehta	Professor	ASHD
134.	Dr. (Mrs.) S. Jauhari	Lecturer	ASHD
135.	Dr. (Ms.) Premlata Kumari	Lecturer	ASHD
136.	Dr. (Ms.) K. C. Maheria	Lecturer	ASHD
137.	Shri Naved Malek	Lecturer	ASHD
138.	Dr. M.N. Mehta	Professor & Head	ASHD
139.	Dr. Ajaykumar Shukla	Asst. Professor	ASHD
140.	Mr. Ramakanta Meher	Lecturer	ASHD
141.	Mr. Ranjankumar Jana	Lecturer	ASHD
142.	Dr. Vishnu Narayan Mishra	Lecturer	ASHD
143.	Dr. K.N. Pathak	Asst. Prof.	ASHD
144.	Dr. Ajay Kumar Rai	Lecturer	ASHD
145.	Dr. Lalit Kumar Saini	Lecturer	ASHD
146.	Dr. (Ms.) Dimple Shah	Lecturer	ASHD
147.	Shri Hemant P. Bulsara	Lecturer	ASHD
148.	Dr. D.B. Naik	Professor	T & P
149.	Dr. N.K. Datta	Asst. Prof.	Phy. Ec



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मित्रता

जुड़े सम्बन्ध तो है अनेक
इनमें से एक है मित्रता
विभिन्न संबंधों में है एकरूपता
इन सब विविधता में है प्रेममय-एकता
हर संबंध है
पवित्र
हर सम्बन्ध है—
उज्ज्वल
हर सम्बन्ध है
प्रेम का
हर संबंध है
अपने पन का
हर सम्बन्ध में है —
मिन्नता — —
यह मिन्नता है
असमानता की
यह मिन्नता है
महत्वाकांक्षियों की
सभी सम्बन्धों में है श्रेष्ठ संबंध
मित्र से मित्रता का
क्योंकि
मित्र है अनमोल रत्न
उम्र अलग फिर भी बना मित्र—
जात अलग फिर भी बना मित्र—
न कोई छोटा न कोई बड़ा
न कोई उँचा न कोई नीचा
न कोई अमीर न कोई गरीब
न कोई सच्चा न कोई झूठा
मित्रता हुई जिस पल
आनादित हो उठा वह पल
मित्र उत्साहित करता हर पल
आत्मविश्वास जगाता हर पल
हर नया मित्र देता रहा
नया विचार, नई समझ
नई ज्योति आशा की
हर मित्र फैलाता रहा प्रकाश मित्रता का
देख प्रकाश मित्रता का
भाग उठा अंधकार शत्रुता का
अज्ञानी मित्र फैलाता रहा
अंधकार, स्वार्थ व अनादर का—
ज्ञानी मित्र फैलाता रहा



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GROUP

प्रकाश, प्रेममय आदर का
मित्र मिलते रहे
ज्ञानी भी अज्ञानी भी
जीवन के इस सफर में, फँसते रहे
वह भी भावनाओं की बड़ी गँवर में
ज्ञानी न छोड़े मित्रता अज्ञानी से
अज्ञानी न छोड़े मित्रता ज्ञानी से
कारण
मित्रता है एक ऐसी पवित्रता
जो समझने में तो कठिन है --
पर समझे तो सरल है --
न समझे तो अपवित्र है
नासमझ समाज समझ न सका
मित्रता करने वालों को
और उनकी मित्रता को
उनकी पवित्रता को
मापने की कोशिश की अहम् के तराजू में
मेरा निवेदन है सभी मित्रों से
जागो और करो मित्रता समाज के हर प्राणी से--
बॉट लो अपनी खुशियों को इस समाज के
हर नर एवं हर नारी में
हर जीव के और मादा में
मैं निवेदन करता रहा --
लोग समाज को जगाते रहे
मेरी मित्रता की भाषा सभी समझने लगे
एक-दूसरे में घुल-मिल कर अपनाते रहे
इसको पवित्र बनाते रहे
सभी खुशियों में समाते रहे
यह देख-देख --
मैं पुलकित होता रहा
खुशियों के आँसू बहाता रहा
यकीन नहीं विश्वास है आप भी बहाओगे आँसू
आशाओं के --
किन्तु प्रिय . . . अभी क्यों खोये हो तुम
निराशाओं में . . . ।
----- पूर्णतः मौलिक एवं अप्रकाशित ----- --नयन मोहन भाटिया,
78,सिविल,
अध्यक्ष,
SVNIT ALUMNI ASSOCIATION

Sir Mokshagundam Vishveshvaraiya

-The Grand Old Man of Engineer's Fraternity

September 15 is celebrated as Engineers Day, because on this day 140 years ago, one of the greatest sons of India- Sir Mokshagundam Vishveshvaraiya, the towering personality in the history of Indian engineering, was born at Muddenhalli village in the Kolar district of Karnataka. Graduated from the College of Science, Poona in 1883, Visvesvaraya joined the Bombay PWD and raised the position of Chief Engineer. He worked relentlessly throughout his life to bring fruits of advanced science and technology to the doorsteps of the common man.



On retirement, his services were requisitioned by the Maharaja of the erstwhile Mysore State, who appointed him as Dewan. The following years witnessed an era of planned development and all round growth. A visionary who could think ahead of his time, Visvesvaraya realized that there could be no salvation for the people of the country except judicious use of the results of technological innovations. In recognition of his services to national development and for the cause of engineering, he was honoured by presentation of the country's highest award - Bharat Ratna - in 1955.

To perpetuate the memory of this great engineer-statesman, September 15 every year is observed as Engineers' Day. Every year a central theme of national importance is chosen and deliberated on this day all over the country.

Life History of SIR MV at a glance.

Sir M.V. was born on 15th September 1861 at Muddena Halli, Karnataka. He had his initial education between 1871-1874 at Chikaballapur. In 1885 he joined Weslin Mission school at Bangalore. In the year 1881 Sir MV has passed B. A. in First Class at Central College Bangalore. At the age of 20, in the year 1881, he joined Engineering College at Pune, thus starting his historical career in engineering. In 1883 he obtained his Engineering Degree with distinction in the whole of Bombay Presidency. His professional career was started in 1884 when he was appointed as Asst. Engineer in P. W. D Bombay Government.

During 1884-1908, he Served Bombay Government till he was promoted as the Superintending Engineer and took voluntary retirement. In the year 1909, he was appointed as Special Chief Engineer in Hyderabad Government. During the period 1909 - 1912, he acted as Chief Engineer and Secretary of P. W. D. Government of Mysore. This is followed by Devan of Mysore during 1912-1918. Subsequently,

Sir MV served India in various advisory capacities during 1919 and 1959. After leading an active life for 101 years, he breathed last on 14th April, 1962 at Bangalore. Thus came an end to the life of an illustrious personality of India who offered a direction to all Engineers.

ACHIEVEMENTS:

- 1891 Established Deccan Club at Pune.
- 1899 Designed a New system of automatic Waste Weir Flood Gate.
- 1901 Introduced the Block system of Irrigation.
- 1909 Prepared a Scheme for Flood Protection work and underground drainage for Hyderabad city.
- 1913 Started the State Bank of Mysore.
- 1914 Started Mechanical Engineering School at Bangalore..
- 1916 Established Mysore University and the State Engineering College in Bangalore.
- 1918 Approved the plan to establish Bhadravathi Iron & Steel Works and a Number of other industries.
- 1927 Designed and Constructed Krishnarajasagar Reservoir. Public Libraries were established in Bangalore and Mysore.
- 1936 Automobile Industry Plan was prepared.
- 1937-38 NGBSU Flood Control works in Orissa.
- 1941 Establishment of All India Manufacturers' Organisation, and was President from 1941 to 1954.
- 1942 Started Sri Jayachamarajendra Polytechnic at Bangalore.
- 1952 Selected the proper site for a new railway Bridge to river Ganga in Bihar.
- 1927-55 Director in the Tata Iron and steel Co. Ltd. Bombay.

HONOURS CONFERRED ON HIM:

- 1904 Honorary Membership of London Institution of Civil Engineers
- 1911 C.I.E. (companion of the Indian empire) at Delhi Darbar.
- 1915 K.C.I.E.(knight Commander of the order of the Indian Empire)
- 1921 D.Sc. Calcutta University.
- 1931 LL.D. Bombay University
- 1937 D.LITT. Benares Hindu University.
- 1943 Elected as an Honorary Life Member of the Institution of Engineers(India)
- 1944 D. Sc. Allahabad University
- 1947 D.Sc. Andhra University.
- 1948 Doctorate-LLD. Mysore University.
- 1953 D.LITT- Andhra University

- 1953 Awarded the Honorary Fellowship of the Institution of Town Planners, India.
- 1955 "Bharat Ratna" Title.
- 1958 D.Sc. Jadhavpur University Calcutta.
- 1958 Durga Prasad Khaitan Memorial Gold Medal by the Royal Asiatic Society council of Bengal
- 1959 Fellowship of the Indian Institute of Science, Bangalore.

PUBLICATIONS

Sir M. Visveswaraya published a number of reports on Engineering designs, works on technical education and on economic developments.

The following are some of his more important publications:

- "Reconstructing India" Published by P. S. King and Son Ltd., in 1920)
- Planned Economy for India (Published by the Bangalore Press, Lake View Mysore Road Bangalore-2)
- "Memoirs of my working Life" (Published by the Caxton Press of Messrs. G. Claridge & Co. Ltd., Frere Road, Fort Bombay}

He had also published several pamphlets on industries and the same were issued through the all India Manufacturers' Organisation, Bombay such as:

- "Prosperity through Industry"
- "District Industrialisation Drive"
- "Village Industrialization"
- "Reconstruction in Post war India"
- "Development of Heavy Industries in India"
- "Industrialization scheme for Rural Areas"
- "Industrialization scheme in two parts"
- "Village Industries Hand Books"

In addition to the above, he had issued a large number of small publications pamphlets and reports on engineering economic industrial and other related topics.

Reference : Nashik Local Centre of The Institution of Engineers (India).

Prakash Chandra Pandey
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पुनर्मिलन

हम माग्यशाली हैं, जो आजका ये दिन हमें नसीब हुआ। यही वो SVNIT की कर्मभूमि है जिसकी वजह से हमें सबकुछ हासिल हुआ।।
याद है हमें वो दिन जब आठ आणे की चाय थी।
और थे दो रूपये के समोसे।
लेकिन वो भी खाने के लिए करनी पड़ती थी प्लानिंग कितने दिनों से,
क्योंकि आज की पीढ़ी का एक महीने के जितना है मोबाईल का बिल,
शायद इससे भी कम में करते थे हम गुजारा, सालभर लेकिन, कोई ये न समझे के,
हमारे माता-पिता की इतनी ही हस्ती थी।
परंतु कम पैसों में, अपना वजूद बनाने की भी एक मरती थी,
ढाई रूपये का कुल खर्च हम ऐसे वसूल करते थे, क्यों दोस्तों,
कि आज की ढाई हजार की डिश भी फीकी लगती है,
पहले तो दोस्तों को चाय-समोसे का न्योता
देकर दुश्मनों को जलाते थे,
फिर यहीं कैंटीन में आकर, मेनू के सारे आईटम
पढ़कर दिल बहलाते थे,
कैंटीन वाला भी जानता था कि ये मेनू खाली न
दिखे इसलिए सबकुछ लिखा है,
वर्ना समोसे के आणे का जहाँ कहाँ किस ने देखा है,
आर्डर हम ताठ से देते थे कि, दो चाय और दो समोसे,
साथ में चार चम्मच और चार गिलास,
अभी आगे कुछ मत पूछना क्योंकि,
अब इस हफ्ते के पैसे भी खलास,
और कभी जश्न हुआ तो, सब एक ही चीज की च्वॉइस करते थे,
अब ये बताने की जरूरत भी है कि, वे ब्रेड रोल हुआ करते थे,
आज के कैम्पस की हरियाली देख के (अरे भाई मैं दोनों
किस्म की हरियाली की बात कर रहा हूँ)
दिल में जलन सी होती है, क्योंकि हमारे वक्त में तो
इब से ज्यादा आदम की ही बस्ती हुआ करती थी,
जब नया साल शुरू होता था और नये एडमिशन में जो
दो-चार लड़कियाँ जुड़ती थी,
पर इसी चक्कर में तो ADM बिल्डिंग की फर्श हर साल बदलनी पड़ती थी,
ऐनुअल फंक्शन में मिठाई पे विखरी हुई बादाम की तरह
बस यही दो-चार लड़कियाँ हमारे फंक्शन रोशन किया करता थीं,
(घलो जैसा जिसका नसीब और क्या?)
आज ऐसी कितनी बातें दिल में एक साथ दौड़ रही हैं,
वो बंक लगाना, वो हॉस्टल के दिवारों को पोस्टर्स से सजाना,



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tpf

वो स्ट्राइक करके जुलूस निकाल के युनिवर्सिटी जाना (और
फिर वही धिल्लाना के, इस बच्चे को क्या हुआ, पानी बिना मर गया)
वो चौपाटी से बस हायजैक करके इच्छानाथ लाना,
अगर, फ्री पीरियड हैं तो आर्ट्स, कोमर्स और सायन्स कॉलेज
में जाकर अटेन्डेन्स लगाना और सममिशन की अगली रात को
रातभर मास G.T. लगाना।

आज यहाँ पर आकर ये वापस जीने को दिल करता है,
आज के अवसर पर मेरी आप सबको एक विनती है कि
आज आप जहाँ भी जिस कुर्सी पर बैठें हों तो, इतनी ऊँचाई भी मत पाओ कि सामने बैठा
हुआ अपना ही क्लास मेट आपको बहुत छोटा दिखाई दे, और जब ऐसा हो जाए तो जरा
याद कर लेना की आज आप जिसके सामने बैठे हैं, वो कल ही आप के पास बैठता था,
और भायद जिसकी मदद के बिना आपकी ये डिग्री अघुरी थी।

तो आओ आज हम सब मिल के कसम खाएं कि,
जब कोई SVNIT का बन्दा किसी के भी सामने आए तो
हम एक बिछड़े हुए यार की तरह, अरे एक बिछड़े हुए
प्यार की तरह मिलें और अपने SVNIT का नाम रोशन करें।



—राजेश घाबूवाला
1984, Civil
Vice-President,
S.V.N.I.T. Alumni Association

"TECHNOPRENEURSHIP" – A NEED OF NATION

Knowledge and information are the key factors to success in the competitive global environment for any nation. Technology is perhaps the basic cause and effect of cumulative wealth of rich nations. Thus application of the technology leads towards richness. It means that technology is the engine of economic growth. Changes in technology disrupt the comparative advantages of industries, firms, business houses in positive and negative directions. It is entrepreneurs to search and act to push economic growth rate and for the same knowledge and information reflection is needed in entrepreneurship. Means knowledge and entrepreneurship jointly can be used as technopreneurship. Singapore and Malaysia are the two Asian countries whose high growth potential enterprises are based on technology. Indian economy growth rate fluctuation is between 7.5 to 9.5 since last 4-5 years. If India wants to develop like Silicon Valley, resistance to technology adoption should be defined clearly with respect to environment, political and education scenario.

The technology adoption rate by respective states in India is not uniform. The major reason for the same is insensitive and unstable political environment. West south India development is comparatively between hen hut of north east India. The major reason behind that is more than 80% engineering technology industries are located in the west south region of India. The present scenario of only degree engineering imparting institutions are more than 1400 in numbers with total number of intake capacity is 5 lacs plus industries of all engineering disciplines.

The reliable survey has reported that at present about 35% numbers of seats remain vacant. 70 % is puss ingrate and about 30% numbers are getting jobs. It is also reported that only about 3-4% of passed out degree holders join for post-graduation either in engineering or management and only about 800 of numbers PH.D are produced by IITs, NITs, IISCs or etc.

Looking to the present scenario and current recession (2008-2009) effects on all over world, it is essential to cultivate the culture of entrepreneurship among the budding engineers in the form of JOB-CREATOR rather than JOB-SEEKER. To import such education in technical education system, FACULTY of all discipline is also required to get training or education about entrepreneurship. At the same time attention is required to balance the reasonable uniform growth of all region of India for sustainable development or journey towards richness.

The ultimate solution is “**technopreneurship**” at all level of qualified skilled manpower utilization. In the form of promoting self employment through establishment of small, medium and micro industries. Govt. of India has also introduced specific ministerial level department to promote entereprenual culture among the youth. It is planned to establish about 100 numbers of IITs, NITs, and IIMs in coming 4 years (2008-2012). The author suggest following steps to promote “**technopreneurship**” in the nation

- (1) Singapore – Malaysia models can be followed for international trade through appropriate media.
- (2) To introduce short term training program (STTP) for technical faculty on importance and need of technopreneurship.
- (3) To introduce value added programs during the under graduate period to budding technocrats in technical industries
- (4) To organize institute-industries interaction workshops, seminars, conferences in association with professional body (i.e. institute of engineers, chamber of committee productivity councils, management association etc.) for students and faculty.
- (5) To organize exhibition, trade fair, competition, awards for SMES under different govt. schemes
- (6) Govt. should provide long term (more than 10 years) infrastructure solutions in the form of financial assistance. Short term provisions will generate more side units i.e. Andhra Pradesh, UP, Maharashtra etc. measures like change the culture changes among the socio-economic relationship.

Dr. D.V Bhatt

Professor I/C E.D. CELL

SVNIT SURAT

Tranquillity Calling...

Among the metros, the skyscrapers tall,
The hustling traffic, the bustling mall,
A mark ever so symbolc of the civilization great
Yet life so racy, fleeting, fast-paced,
I hear tranquillity calling.....

A whim fulfilled, a dream accomplished,
A sensex rise, a novice biz-king fished,
A maglev train, a jet airplane,
The distances large now seemingly small
Yet the minute partitlons an eternal barricade wall

A fashion fiesta, a page -3 regular,
A ramp scorcher, a controversy caller,
A corporate big-wig, an enterprise merger,
All relationships under the financial SUN,
The roots, the Rearer no heed, no bother,
Yet a blossoming flower, an emerging spring
I hear tranquillity calling'.....

A screeching alarm, a run-up of chores,
A morning hooter, a sprint to the work ores
A dash from the pracs, a race to the meetin's,
An aimless schedule, a life heeding futile,
Yet the breeze hittin' by, the face bright, resolute,
The calm of the psyche, the heart,
The race with Time, the singular truth till eternity
An inexpressible content, a battle lost yet won....
I hear tranquillity calling.

ANSHIKA MEHNDIRATTA,
2nd yr, COMPUTER ENGINEERING

DOWN THE MEMORY LANE.

HI FRIENDS,IT SEEMS TO ME ONLY FEW YEARS BACK WE HAD PARTED,EVERYTHING IS SO CLEAR YET IN MY MEMORY,&IT IS A GREAT FEELING THAT 25 YRS HAVE ELAPSED SINCE WE(1984 BATCH)PASSED OUT&ONCE AGAIN I SHALL BE MEETING MANY OF MY FRIENDS IN THIS SILVER JUBILEE ALUMNI MEET.

Let me take u down the memory lane.....

IT WAS 29 YRS BACK IN 1980 WHEN ALL OF US CAME TO SARDAR VALLABHBHAI REGIONAL COLLEGE OF ENGINEERING (NOW SVNIT) FROM ALL OVER INDIA, I WAS AS A TEENAGER THRILLED AT THIS CONCEPT OF NATIONAL INTEGRATION THRU EDUCATION IN A COLLEGE NAMED AFTER SARDAR VALLABHBHAI PATEL WHO CONTRIBUTED MOST TOWARDS THE INTEGRATION OF INDIA AFTER INDEPENDENCE.,

I HAIL FROM MUMBAI&HAD OPTED FOR CIVIL ENGINEERING OUT OF LIKING,I HAD HEARD ABOUT RAGGING BUT HAD PLANNED TO ESCAPE THE SAME. BY CATCHING THE FLYING RANEE TO MUMBAI ON WEEKENDS,LITTLE DID I KNOW THAT SOON I WOULD LOVE LIFE SO MUCH THAT I WOULD NOT GO TO MUMBAI OFTEN FOR MONTHS,THE MIGHTY CAMPUS ENTHRALLED ME WITH THE HUGE COLLEGE BLDG, THE AESTHETICALLY PLEASING LIBRARY,& VARIOUS DEPT/WORKSHOPS ON THE WESTERN SIDE,&OF COURSE OUR ABODE FOR THE NEXT FOUR YEARSACROSS THE PLAYGROUND.THE HOSTELS WERE LOCATED IN MOST IDEAL MANNER YEARWISE,WE WERE PUT UP IN FOUR SEATER ROOMS WITH STRANGERS WHO SOON BECAME PART OF LIFE.THE THREE HOSTELS MEANT FOR FIRST, SECOND &THIRD YEAR STUDENTS &AGROSS THE SOUTH GUJRAT UNIVERSITY ROAD WAS THE SINGLE SEATER HOSTEL FOR FINAL YEAR STUDENTS.

IT ALL BEGAN RIGHT AWAY,WITHIN NO TIME I REALISED THAT ONE HAS TO DO NAMASTE WITH A BOW TO ALL THE SENIORS& BE PREPARED FOR ANYTHING,, RAGGING WAS INITIALLY SO DREAD FUL THAT MANY WOULD STAY BACK IN LIBRARY, IEST GET CAUGHT&PERFORM ALL THE ACTS SOUGHT,BUT THOSE WERE THE FIRST LESSONS ,&I CAN SAY THAT AFTER FACING THE SAME, CHANGED EVERYONE OF US FOR BETTER IN FUTURE,,THERE WAS ANOTHER DAUNTING TASK , TO EAT IN THE MESS, BUT ALL GOT ACQUAINTED&SOON WE STARTED RELISHING RAGGING&EATING IN THE MESS. A MONTH PASSED BY &WE LOOKED FORWARD TO THE WELCOME PARTY FROM SENIORS, AFTER WHICH RAGGING STOPPED&ALL BECAME SO HOMELY.THE ONLY THING WHICH NONE OF US RELISHED WAS WASHING CLOTHES, &SOON I TOO SLIPPED INTO A COLOURED LUNGI WHICH COULD BE WORN FOR DAYS ,THE BOYS SOON REALISED THAT THERE WERE HARDLY FEMALE STUDENTS IN COLLEGE &SENIORS WOULD GO TO CHOWPATTY IN EVENING, WE SOON FOUND OUY WHY,AND THE TOPPING WAS FREE BIRD WATCHING CAME AT NO COST OF TRAVEL, AS THE BUS CONDUCTORWOULD NEVER ASK FOR TICKET ONCE THE PASSWORD "SVR" WAS MENTIONED.IT WAS FUN ALL.



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GROUP

Strong loathing for terrorism emanating from the victimized
Loyalty for the devil drawn by the insurgent alike

A loyal guard to the land, martyred saving other lives

Another rebel killed in an encounter, rejoiced

A clash of faiths, what's wrong n what's right

A hate for the love n prosperity propelling in thy land

A love for the peace, the white dove sailing,

And a love for the revulsion to the coercion withstanding.....

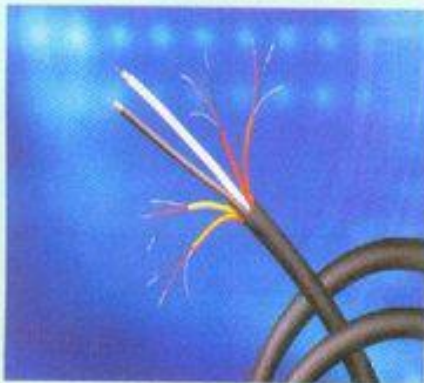
Anshika Mehndiratta

B. Tech II

Computer Engineering

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WITH BEST COMPLIMENTS



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Emerging Career – right opportunity

-Dinesh Gupta (Member Senate)

ASNT NDT Level-III, Chartered Engineer

Lead Assessor, Valuer, Energy Auditor

At the time of writing this article, the manufacturing industry, infrastructure, oil and nuclear power have experienced an unprecedented growth worldwide. World is shaken by the great American meltdown but all agree that "Chindia" is going strong and the future belongs here. Middle East will continue to go strong for it has the world's oil.

While this growth was happening, a severe crisis – vacuum of sorts was also developing. There were not enough competent people to man the jobs. Jobs were in abundance and innumerable Tom-Dick-&Harry(s) had their luck shining on them – drawing fabulous pay packets. Not because industry had surplus to throw but simply because attrition had become a cancer. Now, these people are the first ones to be shown their way out when industry has realised the importance of cutting down flab. The market is soon correcting itself and job seekers will have to deliver competence worth every penny they draw from the business. This meltdown will bring competitiveness back as the core tool for survival. The mantra being high quality production and cutting down waste for cost control.

Needless to state - quality professionals will become indispensable to industry. Responsibility of ensuring that only good quality product reaches the customer and only good quality engineering is put to use in businesses; to identify the waste and guide the processes for waste free output will all rest with the quality professionals. Careers in Non Destructive Testing (NDT), inspection and quality assurance will assume ever greater importance and will be critical to survival for any business. NDT is an interdisciplinary applied technology and aims at detecting flaws in materials without compromising on the remaining useful life of these (flawed) products. Also, characterisation of flaws with help of NDT serves as a guide to waste control by process improvement.

NDT has already established itself as a preferred career in Oil & petrochemicals; nuclear; space; aviation; automobile; shipping and heavy engineering industries among others. NDT professionals with just a few weeks of education added to their graduation in science/engineering draw upwards of Rs 50,000/- p.m. after about year long experience in the trade. In such a high demand scenario, training and certification facilities have also mushroomed. It is extremely important that an entrant to this profession must make the right choice of a training institute, build a strong foundation, carry with him a certification of repute and really perform well on



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ALONG THEREAFTER FOR THE NEXT FOUR YEARS, REMEMBER ICCHANATH, MODI BUNGALOW, PIPOD, SHEETY'S CANTEEN NEAR HOSTEL(NUKKAD FOR GUPCHAP&NANKATAI),BHAGAL., DUMAS&MANY MORE PLACES.HOSTEL LIFE TAUGHT US ALL&I STILL RECOLLECT VIVIDLY HOW WE USE TO YEARN TO HEAR THE MESS BELL &THEN RUSH FOR LUNCH/DINNER. DINNER ON TUESDAYS&FRIDAYS WERE SPECIAL FOR PURI/KADI, &WHO CAN FORGET THE SUNDAY FEAST, REMEMBER THOSE SUNDAY EVENINGS THE MESS WOULD BE CLOSED AND ALL WOULD GO TO HOTELS IN VARIOUS PARTS OF CITY TO DINE.

THE COLLEGE FACULTY WAS GREAT WITH PRINCIPAL DR Y V N RAO AT THE HELM, PROFESSORS LIKE, GOHILSIR, DESAI SIR, VYAS SIR, TAMBAKUWALLA SIR,&NCSHAH SIR IN THE CIVIL ENGG DEPT.THE ATMOSPHERE WAS ALWAYS ELECTRIFYING WITH THE COLLEGE ELECTIONS, SPRING FEVER CELEBRATIONS&OFCOURSE DURING EXAMS, SOON IT DAWNED ON ALL THAT IN ENGINEERING WITH SOME EFFORT ONE COULD EASILY GET A FIRST CLASS, &HENCE EVERYBODY HAD SOME EXTRA CURRICULAR ACTIVITY , &INDULGE IN ANY SPORT. SUCH AS TABLE TENNIS, CRICKET, FOOTBALL, THE WISER ONES OPTED FOR BIRD WATCHING.

THERE ARE MANY INCIDENTS WHICH I RECOLLECT, BUT ONE INCIDENT I MUST SURELY MENTIONHERE. WE WERE IN THIRD YEAR AND I ALONG WITH ADITYA SINGH WERE CLASS PREPRESENTATIVES, OUR SURVEY TOUR WAS TO MOUNT ABU AND WE HAD RESERVATIONS IN THE TRAIN, &ENROUTE WE WOULD NOT LET THE LOCALS SIT IN OUR SEATS, ONE OF THEM CAME TO KNOW THAT WE ARE FROM SVR COLLEGE, SOON THE WORD SPREAD,THE TRAIN WAS STOPPED,AND NOS OF LOCALS CAME UP&STARTED FIGHTING WITH US FOR OBVIOUS REASONS, WE HAD TO GIVE UP WITH SOME FRIENDS HIDING IN TOILET & BELOW SEATS . WE GOT A GOOD BASHING OF OUR LIFE, OUR FACES SAID IT ALL,I MUST ADMIT ON HINDSIGHT WE ENJOYED IT ,THIS INCIDENT IN NO MANNER TARNISHES THE REPUTATION OF COLLEGE BUT IT HAS BEEN ETCHED IN MY MEMORY AS MY MOST MEMORABLE INCIDENT IN MY COLLEGE LIFE .

IN THE FINAL YEAR WE HAD BEEN ALLOTTED SOLO ROOMS &THAT WAS REAL INDEPENDENCE, ALL WILL SURELY REMEMBER TRYING TO SIGHT THE GRASS CUTTERS IN THE FIELDS BEHIND THE HOSTEL. THEN IN MAY 1984 AFETER THE FINAL EXAMS IT WAS TIME TO SAY GOOD BYE, ALL OF US PARTED WITH HEAVY HEART AND WONDERFUL MEMORIES OF A LIFETIME.,

TODAY ALL OF US HAVE MARCHED AHEAD IN LIFE , GOT MARRIED , HAVE GROWN UP CHILDREN , DOING WELL IN PROFESSION, BUT SURELY ONE CANNOT FORGET THE CONTRIBUTION OF THIS GREAT COLLEGE& LIFE IN HOSTEL IN INFLUENCING US ,

“ GOD BLESS US ALL “

SHRENIK V MEHTA

the job to grow well. A shoddy job by NDT inspector can cause disastrous failures and industrial accidents coupled with loss of human life. An NDT inspector cannot ruin his career in a more irresponsible manner.

Fortunately, various national standards organisations have lately (5 years or so) taken up NDT personnel certification on a serious note. Till the end of 2000, for about 50 years, when NDT technology was evolving itself, training and certification was more like a "GURU – SHISHYA" tradition (SNT-TC-1A) with no control on the quality of education nor any verification of authenticity of certification of NDT professionals certified to Level-I and Level-II. However, the seekers now have a choice and so do their employers. Very soon, in a few years from now, industry will accept only those professionals who are certified through National Certification Bodies where a central register is maintained and the certified persons can be authenticated.

Only the Level-III (highest) certification was done directly by ASNT as a national certification. There are more ASNT Level-III personnel in India than the USA. However, the testing and inspections jobs are mostly performed by Level-II and Level-I personnel. In EU, all private and government bodies are mandated by law to get NDT jobs done by NDT professionals certified in accordance with EN-473 i.e. National Certification. USA followed suit quickly and launched the ACCP (American Central Certification Program) and started drifting away from SNT-TC-1A. The Indian National Standard IS-13805 on NDT Personnel Certification is officially administered and monitored by the National Certification Board (NCB – derived from ISNT – Indian Society for Non Destructive Testing). Till date, there are four NDT training facilities in India accredited by NCB for IS 13805 namely

1. Satyakiran School of NDT – Delhi
2. Insight Quality Services– Pune
3. Scanray Metallurgical Services– Chennai
4. ISNT Chapter - Tiruchirapally

There is a great initiative in SVNIT Surat also towards testing, research, training and certification in NDT. A fully equipped NDT centre is being set up here for the benefit of SVNIT graduates. The building is already in place and allocated. The author (an alumnus of SVNIT and Director of Satyakiran School of NDT) is working hand in hand with the team of SVNIT in shaping up this centre. It is our aim to achieve NCB accreditation for this centre also.

The NCB is working on an international platform. A mutual recognition agreement (MRA) with EU is in its final stages. Once this happens, EN 473 certifications will be available through NCB India. The cost of certification will come down from the Rs 60,000/- odd per person at present to maybe Rs 10,000/-.

Love versus Hate

They say a virtue to be explicit, intact
An antonym, a paradox is the best sought after fact
For nothing depicts a picture more clear,
War for peace, Inexpensive for dear

Filth n cleanliness, disorder n order
Death for life, terror for security
Grenade for a life-guard, a bullet for an immortal potion
Hate for love, love for hate

The love - for my life, a love of a life
The love for a dear, a kin,
A love for the land, the raft @ Cuffe Parade
The abominable getdown, the secure 13-storey Taj
The Tiffin alias culinary terrors treat, >the Mumbai "Mi Te-rror".

The lush bloody CST, the shootout drive alias Skoda,
The WTC slithering down, the Pentagon at target
The 26/11, the 9/11, the 11/12, dates innumerable, reasons alike
Hate for love, love for hate.



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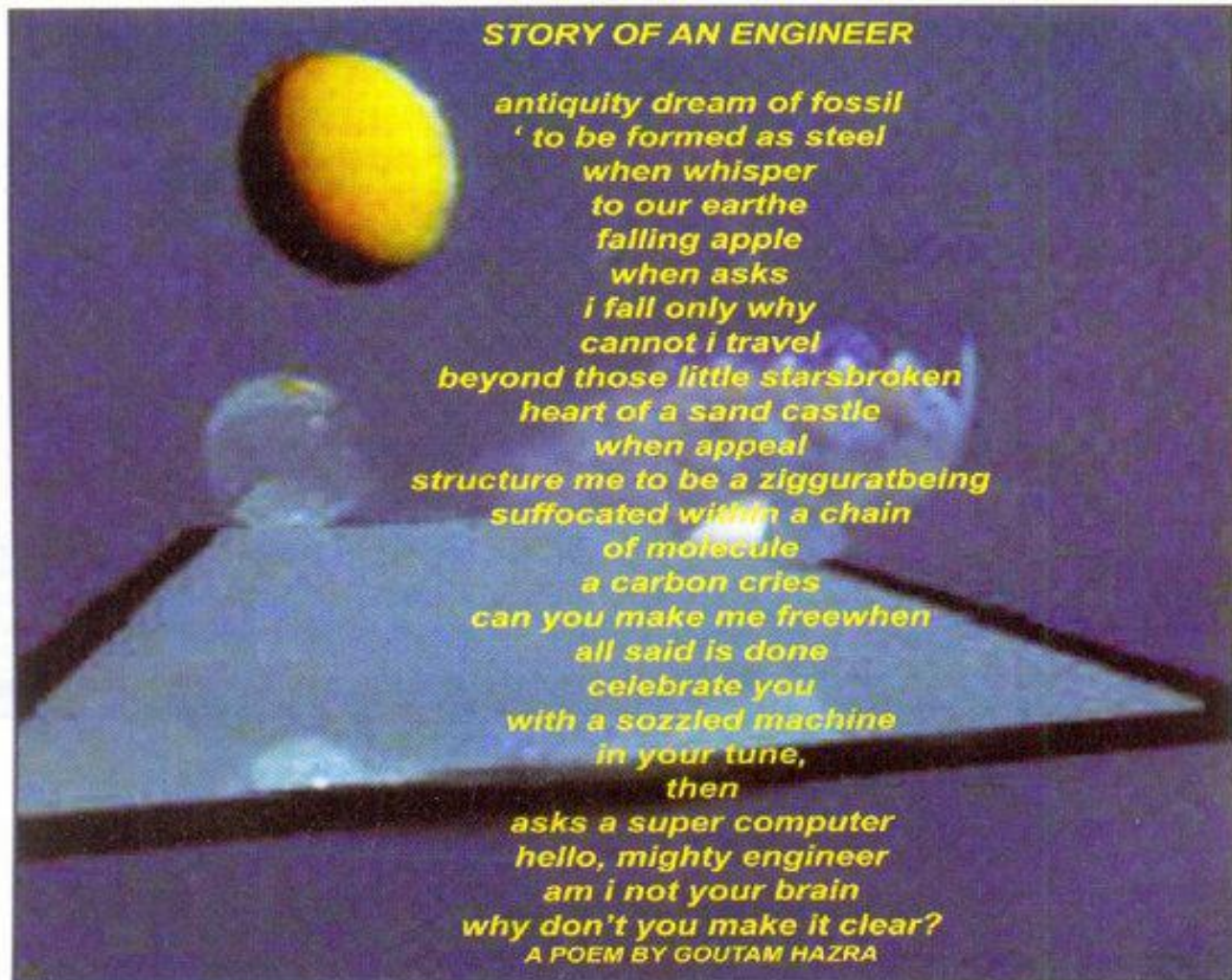
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Of the various NDT methods, personnel certification is available in eleven methods. Only rarely people opt for more than four or five methods. These certifications are an input requirement for several other good programs. Bright careers are available to Certified Welding Inspectors, API 570, Pressure vessel inspector, coating inspector, piping inspector etc. Although there is no major restriction on input qualification requirement except two years of science study, yet expertise in the field depends a lot on the understanding of materials, processes and defects which the inspector will examine using NDT as a tool. Therefore, NDT in civil structures is expected to be done better by technologists from Civil and Applied Mech. streams while people from Mechanical, Metallurgy and Applied Mech. may do better in metals engineering industries. Development of new (GPS based) NDT instruments, digital image processing and automation are other bright areas open to Electronics, Robotics, Instrumentation and Physics graduates.

NDT has the potential to touch every life! I welcome you to this amazing world of quality assurance. Good wishes.



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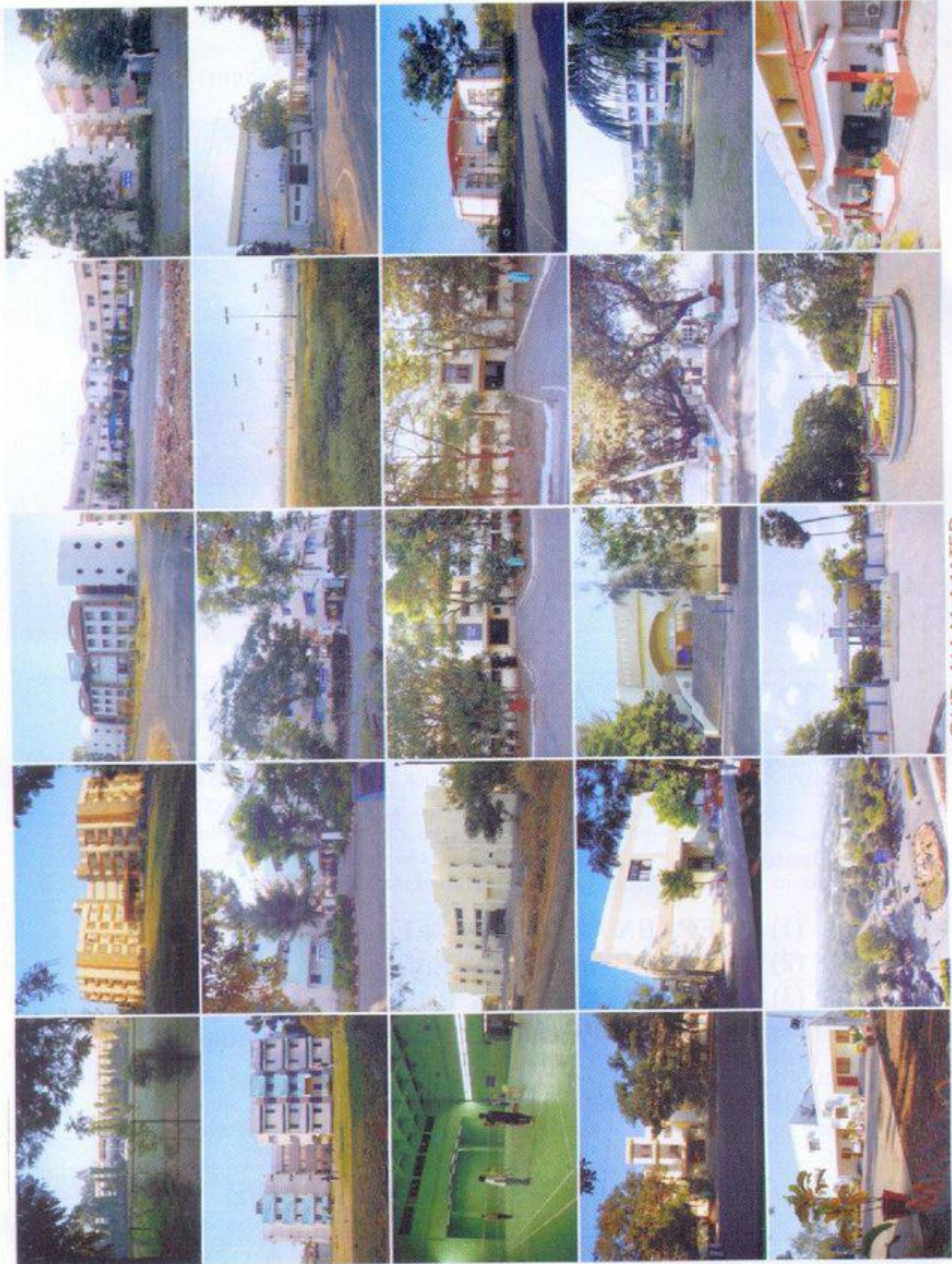
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OUR ALMA MATER

Feasibility for restriction of speed on Rural Highways

Background

The Various State governments are pushing (its not actually govt, its the High Court) speed governors, but they are doing so only for commercial vehicles.

Using a speed governor that can be controlled remotely from a tollgate like structure, we can enforce speed limits in real and hard sense. Depending on the road or area you enter, gadgets would rest your speed limit. This could be cumbersome if overused. Optimal scenario would be to reset these as you cross from highways to city area.

Let us just put it this way... speed governors are the for the enforcement agencies method of saying "We are too lazy to break our heads on enforcement. I might as well use the money I would spend on adding police and technology to fund my next political rally".

An Engineer's View

Not going into the **prelude/justification***** for the decision, I as an Independent Individual Consulting Civil Engineer am putting forth my reasons why they are not feasible based on the guidelines of Indian Roads Congress.

1.0 - IRC Publication No 38: 1988: Guidelines for Design of Horizontal Curves.

2.0 - IRC Publication No 73-1980 : Geometric Design Standards for Rural (Non Urban) Highways.

A highway is designed for two things

- 1.0 Pavement
- 2.0 Geometrics

The Geometrics are the governing factor for the **allowable speed** on a highway. Further geometrics are ruled by sight distance and headlight distance. (Overtaking being the critical one), and the traffic loading in the form of no of vehicles.

The IRC gives guidelines for two speeds



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1.0 Ruling Design Speed - This speed means that there are least restrictions in the form of sight distance and gradient.

2.0 Minimum Design Speed - This speed is usually 15 to 20 km /hrs **less** than the ruling design speed.

3.0 The speed is further related to the terrain / gradient and landuse of the highway section.

These speeds assume that **about** 80% (Eighty) of the vehicles will **limit** their speed to the allowable speed.

Points to be considered:

1.0 The majority of the National Highways have been constructed on a unidirection i.e. the overtaking sight distance is sufficient so the design speed of these National highways is +100.0 Kms/hrs

2.0 The Mega State Highways Project of various states which covers the MDR and State Highway category has a undivided carriageway and the governing speed factor is the intermediate and headlight sight distance. For these the maximum speed of 80.0 km /hrs may be justified. The future scenario of the type of traffic will further govern the speed on these Project. These projects are being build to attract the heavy and interstate traffic from the National Highways and Railways.

3.0 The State Highways speed will be governed by the level of service of that particular stretch i.e. the congestion level.

It is also to be remembered that all the National Highways and State Highways will be upgraded to four lane divided configuration in the next couple of years.

Even the Indian Roads Congress admits that travel at low speeds is not conducive to overall economy. It means that the vehicle operating cost and pavement fatigue are more.

Today's highways are designed for the **most** financial viable option in which the allowable speed plays a vital role in terms of travel time cost of the commuter, and off - course the in thing of the today's parameter of environmental degradation in terms of **more** fuel fumes per length in more time. Today's vehicles do not give more fumes if stressed beyond the allowable speed and any



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ways the transport department gives the clearance for pollution to them before they show on the roads.

Nitin Jhanwar
Consulting Civil Engineer
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***This analysis of mine has been kind of endorsed by various State Governments. The Karnataka Government has postponed the decision and a Committee is being proposed to be formed for a uniform Practical approach for regulating speed for the whole country. (I had given these views to the Rajasthan Government's Transport Department before the decision for forming a committee.)

लन्च टाइम

शुरू का वह एक दिन था दफ्तर में।
अनजानी सी, पहचानी चेहरे की उस लड़की ने।।
मेज पर खाने का पिटारा खोल के।
खाना परोसा अपने हाथों से।।
भिण्डी की वह हरी एक सब्जी थी।
प्रेम के आस्वाद से भरी थी।
रोटी-सब्जी के कौर को निगलते हुये।
एक झलक अच्छी तरह देखा उसे।।
साँवली सी लड़की थी वो, साधारण से वेश में।
काजल की कालिमा लिये अपने आखों में।।
सिलसिला जब यह भुरू हुआ रोजाना।
खाना तो सिर्फ एक निमित्त बना।।
अब तो दोपहर का रोज एक बजना।
उसके परोसे हुये खाने का रास्ता ताकना।।
अब रोटी से अधिक प्रेम से पेट भरता है।
बैठ कर दो घड़ी उससे बात करने का मौका
जो मिलता है।।

—अशोक मोईत्रा

The Mess Manager

Its exam time and it's the time when all of a sudden I am supposed to look into the most delayed task and that is studies (what else: P). and here goes the problem – I can't do it for long. Most of us can't. When eyes start burning and the back goes stiff, some of us sit back and listen to songs, some chat with roommates, while some really tough 'macho-men' continue with what they were doing. I, having the privilege of living on the first floor of Tagore Bhawan with a wide corridor in front of the door, tend to walk outside of my room. And as the mind wonders about some lush green trees outside and some soothing breeze that give a kind of unique freshness (with a tinge of divinity) I must say what I am blessed with is only a small ground in between where I see the mess workers playing cricket. So I push my stroll a little n go downstairs to have some water. But then, I look a little distance ahead, I see a man sitting across the entrance of the mess. Nothing to be surprised of, as I see him there everyday. He is the mess manager.

I look at the person carefully. While not a child, he is not an old baba either. At 45 something he is always sitting on the same chair, sometimes inside the mess, sometimes outside. He also sees me back. But his eyes seem blank to me. Everyday, students come in groups, have their food, talk about their regular mundane life – assignments, asso gossips, the absence of 'quality' girls in SVNIT and criticize their maggu room partners, mindless Profs, and the insti as a whole. He listens to them with intent. Sometimes I have seen him smiling. But I can see that the sincerity of a smile is not there on his face. The chatters go back, and so does his smile. What remains his solitude, and the crooked chair of his on which he sits almost the whole day.

Every night during dinner too, I can see him sitting on his chair, all alone. And hell, he doesn't even yawn!

Sometimes he seems some kind of a saint to me, who has risen above all the worldly stuff like insti gossips, time pass bakars, GPLs, Orkut, Iron Maiden, Pink Floyd, Coldplay, Counter strike, Basketball, C.G.P.A., Bandis and SVNIT as a whole... Like a small island in a big ocean. All engulfed in himself. Analysing and catalysing his own soul. I doubt it though.

I appreciate his soulful solitude.

I pity his tasteless days (and a large chunk of nights).

And, I fear his extreme loneliness.

Imagine this. You are sitting in the middle of a buzzing crowd of people, all laughing and chatting and dancing to alien tunes, while the only thing you can do is to sit back and see them. It is like watching a boring movie again and again, without the option of fast forwarding, pausing or changing to a different one.

Had I been in place of him, I would have eaten all the stuff myself, and walked away, for I can't bear this type of gradually paralyzing, choking and brain cuffing loneliness.

Someday or the other, when I pass by him, I plan on having a hearty chat. I want to know what worldly adhesive is bonding him to this kind of life and what pushes him through to manage a mess of this sort. I really do.

Pranav Kumar
B-tech II - Computer Engg.
SVNIT, Surat.

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Hitesh Sharma

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The 'NANO' Effect

After the pull out of long awaited Nano from Singur what after effects it left on the farmers there...?? Who will win the political benefit after this issue ? And what will happen of that land and farmers which was the centre of all singur conflict...?!

Let's have a discussion on that.

First of all let us see what was the situation there ,starting from land aquisition.

Singur is stronghold of Trinmool Congress. When it came to requirement of land for Nano , 10,000 farmers surrendered the land and took the compensations from 2200 farmers land was 'aquired' for nano factory. In the opposition dominate area if 10,000 farmers are willingly giving the land then it's a big issue. This reveals that the wanted the indutrialisation to take place it the state which by the way was the slogan of CPI(M) which helpdes themto win election [agriculture is the foundation, industry the next step].

Now in today's scenario when Tata is out of that plant , around 997 acres of land is almost a waste which is now neither productive as a factory nor as agricultural land.Now the government is in dilemma that what to do.

In present circumstances Tata hold that land. If Tata setup some other facotry, which are not in their future plans, the land will remain haunted.

If Tata returns their land at the same price it got it (which is bit unlikely) , then state government can either give it back to farmers at price it took it from them or keep the land and pay the price to farmers (which is also tough task considering elections far @ 2011) . In either of case farmers are at loss though in second case they may get some relief.

Now consider the present condition of farmers there at Singur.

The willing (who willingly gave their land) farnes who had compensation who had compensation could have spent that money is setting up shops and other infrastructural need for factory,but now they cant do that and they have money which will de used in feeding their families and it will be over by an yr or so.

The unwilling (from whom land was aquired) who didnt accept compensation have faced a doublr blow. They neither have money nor land. There future is in real dark as this land issue may take a lot of time to get resolved.



M/s. R.N. Dobaria

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Now talking about the political issue :

Next assembly elections will be held in 2011. Left Parties will always had an upper hand because not whole but majority of West Bengal sees Ms. Banerjee as political assassin, who by her virtues ,has destroyed the fate of her own people. Even at Trinmool dominated area Singur won't feel the same for its leader.

The only disadvantage for Left is alliance of Congress and Trinmool getting back on track, but since elections are far away and considering the unpredictability of politics (and back stabbing habits of Ms. Banerjee) it's too early to say what will be the fate of this alliance.

But after all this , who is at loss. It's none other than people of West Bengal, especially farmers of Singur. Now every corporate will think twice before investing in W.B and god only know what will be the fate of that land and actual owners of that land. Once again people paid for the political ambition of their leaders.

Let us all pray for well being of those poor people.

Vibhav Shukla
Electronics Engg. (2004-2008)
Presently with IBM.

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My college days

Still fresh in my mind, the first night of mine
in the college.
Wept out for long hours, heads down in the pillow
Missing the caressing hands of my mother.
The ragging demons were out there to chance one & all
I, frightened like a squirrel, passed sleepless nights.
Gradually the clouds started pushing off
Brighter sun shine piped in through the windows
Dared to share the arenas & dais
With demons turned friends
Things were looking more & more green
With each day passing by.
At the end of the year, I discovered
With me, two big wings
I was a free bird flying around the sky
Making merry in the beaches,
Banks of the river in gardens & the serpentine lanes, I was
Passing by darnes were friendly & heart throbbing
Males were happy go lucky chaps
Delicious were the foods & crisp were the snacks.
Every thing was fine, but odd among the ever
Was one bitter pill the curriculum for which I was sent.
Wings got tired, after years of flying
The nest in the college surfaced in my mind
It was a home coming, belated though in the twilight of dusk.
Makes in the nest were changed,
Families forces had left for a never destiny
Bushes in the campus had grown to heights
More dense & more thick
I feared to be lost in the bushes
But kept cool & head high
Found buddies in juniors, guides
Among the teachers helped me out to stand erect, beside the banyan tree
amidst the bushes.
It was an all out endeavourer, thriving with activities
Never witnessed so far in the campus.
Made friendship with everything, still or moving
Juniors & seniors, teachers or men with the college in working
As nothing lasts for ever,
Even I had to call it a day.
With the broken heart & tears in my eyes
& a good bye to say.
Though it is now almost thirty years since I left
Within me, a love & emotional touch with the



M/s. R.N. Dobaria

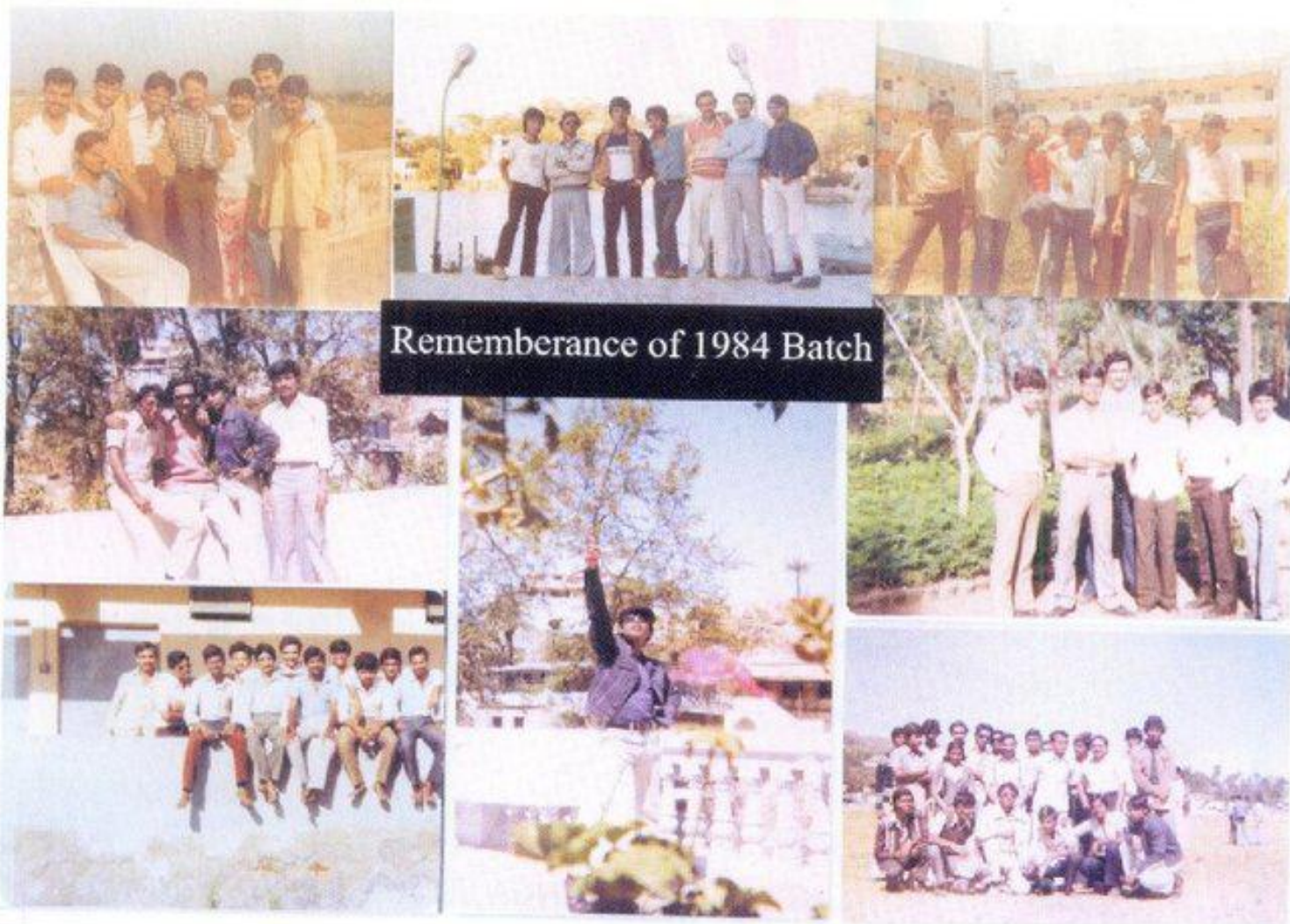
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College, I always kept.
Now when I go for walk, in the lush green campus of the college.
Sit underneath the age old banyan tree for a break
The long grass leaves caresses me, cold
Breeze dries out the sweats
I look at the bricks & plasters, which
Made up the buildings.
I listen them, I know their language,
I understand them, more than any one
They talk to me whispering in my year
You belong to the college & we belong to you, dear son.

-----Ashok Moitra.

Secretary,
SVNIT ALUMNI ASSOCIATION



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Hostel Facilities

The Institute Campus has eleven hostels, including two girls' hostels. Name of hostels and accommodation capacity are given below:

1. Bhabha Bhavan (150-T)
2. Narmad Bhavan (150-T)
3. Sarabhai Bhavan (150-T)
4. Gajjar Bhavan (144-S)
5. Gandhi Bhavan (144-S)
6. Sardar Bhavan (144-S)
7. Kasturba Bhavan (108-T)
8. Tagore Bhavan (256-S/D)
9. Nehru Bhavan (252-S/D)
10. Raman Bhavan (176-D)
11. Sarojani Bhavan (128-D)

T – Triple Seated D- Double Seated S – Single Seated

Special arrangements are made to accommodate **ex-students** for two months for preparation and examination purpose.

MESS

Mess management in all hostels is carried out by a Hostel Management Committee of students under the guidance of warden. The structure of hostel management committee is as follows:

- | | |
|---------------------------|------------------------------|
| 1. Hostel Secretary | 7. Student Welfare Secretary |
| 2. Joint Hostel Secretary | 8. Environment Secretary |
| 3. Stores Secretary | 9. Entertainment Secretary |
| 4. Magazine Secretary | 10. Auditor |
| 5. Sports Secretary | 11. Network Secretary |
| 6. Cultural Secretary | 12. CCF Secretary |

The secretaries are elected by the hostel inmates at the General Body meeting held in the beginning of the academic year ensuring representation of each region of India as well as foreign countries.

Mess offers breakfast, lunch and dinner on regular basis and night tea during examination period. The committee of secretaries prepares and monitors the mess menu generally on fortnight basis. Special menu is offered on festivals like Janmashtami, Holi, Ganesh Chaturthi, Diwali, Basant Panchami and New Year Days.

Monthly mess bill for the year 2007-08 varied from Rs.1300 to Rs.1500 for boys' hostel and from Rs. 800/- to 1000/- for girls' hostel.

Mess in Bhabha Bhavan H-1, Narmad Bhavan H-2, Sarabhai Bhavan H-3, Sardar Bhavan H-6, Raman Bhavan H-10 and Sarojini Bhavan H-11 shall be operated by contractors and other hostel messes are run by the students on co-operative basis. Purchase of materials for student run mess is carried out by committee of wardens and hostel secretaries.



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RECREATION

Each hostel has recreation facilities in the form of T. V. Room, cable facilities, home theater, reading room and table tennis room. Elected representatives such as sports secretary, magazine secretary and recreation secretary of each hostel manage various activities. Facilities for out door games like volleyball, basket ball and cricket have been developed in the hostel / Institute premises. Inter-hostel sports competitions, painting competition as well as cultural programmes are organized during the year. Council of Sports Secretaries (CSS) and Council of Cultural Secretaries (CCS) plan various hostel activities as nodal agencies of hostel section.

MEDICAL

Basic healthcare facilities are available at the Institute Dispensary situated within the campus where the students are provided with the medical facilities as and when required, without any charges. A medical officer residing on the campus attends to any emergency situation at any time of the day. Institute has insured all the students for medical expense reimbursement subject to conditions.

All the students of the institute are covered by medi-claim for indoor treatment. Medical bills for outdoor treatment should be endorsed by the Institute doctor for consideration of reimbursement by the hostel section. Medical bills for the treatment taken without informing the institute doctor / hostel warden / chief hostel warden on non-emergency basis shall not be considered for reimbursement.

CCF

Common Computer Facility (CCF) established in each hostel provides computer facility with internet connectivity to the inmates. The facility is available as per CCF rules given elsewhere in this broucher. Photocopy and printing facility is available in hostel H-5, H-7, H-10 & H-11.

SCC

Students' Co-ordination Cell is constituted by the Chief Hostel Warden every year. General Secretary, Cultural Secretary and General Lady Representative of the institute along with Hostel Secretaries of all hostels are members of the cell. 2 – 4 student members and 1-2 local students are nominated by the Chief Hostel Warden. SCC functions as a platform to represent students' grievances as well as a medium to maintain communication with larger mass of students. Assistance to financially weak students from Needy Fund of the hostel section is sanctioned based on the recommendations of the SCC. Expectations of students as principal stake holders in the growth of the institute in general are also presented through the cell.

FURNITURE

Recently, every hostel is furnished with new room furniture, designed specially for the students' basic need. Each room is provided with a chair, a bed and study cum computer table.



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A glimpse of Hostel inmates' life in SVNIT

It is indeed a matter of pleasure to throw some light on the students' life of our hostel inmates. All the hostel inmates are residing just like a family in a lush green and academic environment of institute campus. All the activities like sports, cultural and mess operations in a hostel a Hostel Management Committee is constituted. Hostel secretary leads this team of dedicated and sincere members. Hostel inmates celebrate lots of festivals throughout the year with a feeling of love, compassion, unity and joy. A few of them are listed here -

1. Shri Krishna Janmashtmi is celebrated in hostel-9 by B.Tech. III year students every year with the ambience and aura so beautiful that every person present there is lost in the so called MAHIMA of Lord Krishna.
2. Ganesh Puja is held in hostel-8 by B.Tech. II year students. It consists of the puja, followed by the prasad ceremony.
3. Hostel-5 (B.Tech. IV year students) organises Saraswati Puja every year in the hostel. On this Auspicious day, the Goddess of Knowledge is worshipped and her blessings on every student present is foreseen.
4. Holi is celebrated on a very wide scale in the hostels. It is celebrated separately in each hostel by the inmates but then the main MATKA PHOD ceremony is either held at staff club or Hostel-8.
5. Diwali, the festival of lights is also celebrated on every hostel basis, with hostel section allotting Crackers and fireworks free of cost to the students staying in each hostel.
6. Hostel-6 recently organised GARBA on Sharad Purnima under the banner of SHARDOTSAVA in association with students council.
7. Independence Day, Republic Day and Gandhi Jayanti (i.e the festivals depicting the national integrity) are also celebrated with students from each and every region participating in large numbers.

Apart from all these festivals, hostel inmates are also celebrating other regional festivals with the support from the Council of Wardens.

In nutshell, students are enjoying their hostel life through celebrating every occasion of happiness along with hostel staff and dedicated team of hostel wardens. But at the same time, inmates are also sincere and dedicated towards their academics. They avail internet facility to update their technological knowhow. Students having excellence in their academics also try to help other hostel inmates who could not perform well in examination due to some reasons. Apart from the mess concession given by the Hostel section, inmates also support poor students in the submission of their mess dues through voluntary contribution.

Really, SVNIT campus is just like a home for the hostel inmates away from their native place, where they live like a family.

Dr. Shailendra Kumar
Chief Hostel Warden



M/s. R.N. Dobarra

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FROM THE DESK OF DEAN (Students Counseling)

It is a matter of pleasure to witness the phenomenal growth in activities of SVNIT Alumni Association in last one year. Active participation of the alumni members in the development programmes of the Institute as well as various academic activities has created an environment conducive for holistic growth. Upon capacity building drive by the Ministry of Human Resources Development, intake in various under graduate, post graduate and research programmes is going to be more than double in next three years. Moreover, the expectation for the facilities and amenities for the hostel inmates are also found increasing with time. Keeping this in mind, institute has planned ambitious projects of building multi storied mega hostels for girls, research scholars and under graduate students with modern facilities to add nearly 3000 seats. Hostel section has also taken initiative to upgrade the facilities by providing gas geyers and electric geyers in all the hostels. Nearly 50% of the hostel inmates are provided fully furnished accommodation with laundry system. In time to come, this will be extended to all the hostels. Recently, new furniture specially designed by the hostel section is provided in all the hostels. Provision of Wi-Fi internet connectivity along with the structured cabling up to individual hostel rooms has become a very important facility for students on campus.

I am sure, with the initiative of the ministry, visionary leadership of the institute and cooperation from the alumni of the institute we will be able to meet with all the challenges of the future to establish our self as centre of excellence for technical education and research.

I congratulate the SAA for becoming instrumental to bring all the students of this institute on a single platform to contribute for the development of the institute.

I express my best wishes for the alumni meet and the golden jubilee celebrations of 1984 batch of erstwhile SVRCET.

Dr. G.J. Joshi
Dean (Students Counseling)



M/s. R.N. Dobaria

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सुधांशु पोटा (E-73)
मुख्य इंजीनियर
मध्य गुजरात विज कम्पनी लि०
बड़ौदा (गुजरात)

सुनहरी यादें।

सूरत एवं एस.वी.आर. का नाम आते ही मन में न जाने कितनी घंटिया बजने लगती हैं। कहते हैं न कि "याद न जाए बीते दिनों की" कालेज में बिताए पाँच साल का प्रत्येक पल सुनहरी यादों से भरपूर है। मेरे जीवन का सर्वश्रेष्ठ समय वही रहा है। क्या दिन थे, क्या समय था। भुलाए नहीं भूलता। उन यादों को तो पुस्तक रूप में भी लिखा जा सकता है, ऐसी यादों का क्या कहना।

उस सुनहरे समय में से कुछ प्रसंग ऐसे हैं जो अमिट याद छोड़ जाते हैं। मैंने SVR से जुड़े प्रत्येक व्यक्ति से बहुत प्यार पाया, वही यादें जीने का सहारा बनी हुई हैं। सूरत में आते ही 6th Aug, 1968 की भयंकर बाढ़ आई जो एक बहुत बड़ा अनुभव था।

उसी प्रकार April 1970 में, Short of Attendance के कारण कुछ छात्रों को परीक्षा में न बैठने देने के कारण अमृतपूर्व हड़ताल हुई व परीक्षा का सम्पूर्ण बायकाट हुआ। परीक्षाएं Science College में पुलिस की मदद से लेनी पड़ीं। परिणाम बहुत खराब आने से कालेज प्रशासन ने सभी विषयों में ATKI देकर छात्रों को पास किया जो अपने आप में एक इतिहास है।

होस्टल का सबसे बड़ा फायदा यह था कि पढ़ाई के समय रात दिन नहीं देखते थे व मरती तो ऐसी कि वर्णन नहीं किया जा सकता।

वैसे SVR का नाम पूरे सूरत में इसके वार्षिकोत्सव के कारण मशहूर था। जो कि रंग उपवन में मनाया जाता था। जिसका सूरत वासियों को बड़ी बेसब्री से इन्तजार रहता था। उसका मुख्य कारण पूरे देश से आई प्रतिभाएं थीं। प्रोग्राम रात को बारह से एक बजे तक चलता था और पूरा रंग उपवन तब तक मरा रहता था। आज भी रंग उपवन के बाहर से निकलते समय वह सारी बातें चित्रपट की भांति नजर समक्ष आ जाती हैं।



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विशेष याद के रूप में मैं उस यात्रा का उल्लेख करूंगा जो Education Tour के रूप में Nov. - Dec. 1972 में दक्षिणी भारत की ओर Final Year Student को लेकर हमारे प्रोफेसर श्री कंदोई साहब गये थे। यात्रा में रू. 300/- प्रत्येक छात्र से लिए गये थे परन्तु मेरे पास उस समय रूपये के न होने से जाना असंभव लग रहा था तभी हमारे C.R. श्री गिरीश राय ने कहा कि सभी के रूपये मेरे पास हैं उसमें से तेरा हो जाएगा और मैं जेब में 7 रू. के साथ ट्रेन में चढ़ गया। बेंगलूर पहुंच कर राय के पास के सभी रूपये समाप्त हो गए व श्री कंदोई साहब से जब इस बारे में बात हुई तब जबरदस्त डांट लगी परन्तु उन्होंने बाकी यात्रा के लिए रूपये दे दिए। श्री कंदोई साहब की छाप कड़क प्रोफेसर की थी परन्तु उनका यह रूप कोमल रूप भी देखने को मिला। जैसा अच्छा वह पढ़ाते भी थे। हमारे समय में प्रोफेसर श्री कन्दोई साहब, श्री कलथिया साहब, श्री नानू भाई नायक व श्री मंसूरी साहब का पीरियड हम कभी छोड़ नहीं सकते थे, कारण सभी अच्छा पढ़ाते थे। दक्षिण का टूर भी पहली और आखिरी बार हुआ व लाजवाब रहा उसके लिए श्री कन्दोई साहब हमेशा याद किए जायेंगे।

एक अन्य प्रसंग जो मेरे दिल दिमाग पर सदा के लिए अंकित हो गया है। जिस प्रसंग से उस महान देवता जैसे व्यक्ति का सही रूप सामने आया जिन्हें सारा कॉलेज बहुत ही कड़क प्रोफेसर की तरह पहचानता था वो थे N.C.C. के Head, Hostels के Chief Warden एवं Electrical Deptt. के हेड प्रोफेसर श्री चौधरी साहब, उनकी कालेज में जबरदस्त घाक थी। प्रोफेसर व छात्र सभी सामने आने से घबराते थे। परन्तु वे फूल से भी कोमल हृदय रखते थे। रिटायर होने के बाद वे अपने गाँव में रहते थे। मैं वहाँ उनसे मिलने गया तो उन्हो मुझे अपने पास बिठाया व भैंस का ताजा दूध निकलवा कर बड़े से कटोरे में पिलाया तथा गरम गरम खाना सर पर हाथ रख कर खिलाया। उस समय उनकी आँख में भी पानी था व मेरी आँख में भी पानी था। यही हमारी भारतीय संस्कृति है जहाँ गुरु शिष्य की परम्परा एक अनोखे व पूज्य सम्बन्ध में नजर आती है। मेरी जिन्दगी की अनमोल घड़ियों में से वह एक घड़ी थी। आज तो श्री चौधरी साहब नहीं रहे परन्तु उनका प्यार मेरे लिए सदा पथ प्रदर्शक रहेगा। उसी तरह प्रोफेसर डा. राघवाचार साहब ने भी मुझे पिता तुल्य प्यार दिया और आगे बढ़ने के लिए सदा उत्साहित करते रहे। यही सब यादें आज जिन्दा रहने का सहारा हैं।



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मेरे बाद मेरे भाई हिमांशु ने B.E. (Elect.) Gold Medal के साथ किया। इस प्रकार SVR से दस वर्ष तक सक्रिय सम्बन्ध रहा। जिस कारण मेरे पास अनगिनत यादों का खजाना भरा है। फिल्म निकाह के गीत की तरह— "बीते हुए लम्हों की कसक साथ तो होगी"

मुझे एक बात की खुशी हमेशा रही कि हमारे समय में SVR बजरंग कॉलेज के नाम से जाना जाता था क्योंकि कॉलेज में एक भी लड़की नहीं थी। फिर भी सदा सूरत कॉलेज के विद्यार्थियों को पहचानता था। ऐसा विशेष व्यक्तित्व सब में था।

मेस में पचास रुपये के करीब बिल आता था। कैंटीन में तीस पैसे की चाय, तीस पैसे की नाश्ते की प्लेट, इच्छानाथ से स्टेशन का बस किराया तीस पैसा। मैसूर कैफे में पचास पैसे का डोसा आदि बातें सोच कर आज भी एक रोमांच सा होता है और दिल में एक हूक सी उठती है कि काश वो समय वापस आ जाए।

SVR में पढ़ने का समय जिन्दगी का स्वर्णिम समय था जिसके लिए मैं माता-पिता के आशीर्वाद व इच्छानाथ महादेव की कृपा मानता हूँ।

अंत में मैं अपने को भाग्यशाली मानता हूँ कि हमारे समय में कालेज में कई अच्छे गायक भी मिले। कुछ नाम— श्री अशोक लवाणिया, मधुकर मोहन श्रीवास्तव, अंजलि (जो सिविल में प्रोफेसर हैं) जिन्होंने वर्षों तक सुंदर गीतों से हमारा मनोरंजन किया। मधुकर व अंजलि के वार्षिकोत्सव में गाए एक गीत की जो परिचय फिल्म से है एक पंक्ति से लेख पूर्ण करता हूँ—

"युग आते हैं और युग जाए, छोटी-छोटी यादों के पल नहीं जाए"



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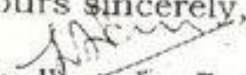
From: Sudhanshu Pota (E-73)
Chief Engineer
Madhya Gujarat Vij Co.
Baroda

Dear Nain Bhatia,

In response to your "secret of your success" article to be published in MILAPP. I am sending my short write up by e-mail. I shall send photograph separately.

With best wishes,

Yours sincerely,


(Sudhanshu Pota)

My Achievements

Every person has a dream to achieve highest rank in any organization but very few can fulfill their dreams. While studying in SVRCET I had never thought that I can go up to the position where I am working at present. It is because of the grace of the GOD and blessings of my all elders, I could achieve it. I did my graduation in Electrical discipline in 1973 and joined Gujarat Electricity Board in 1974 and then did my Post Graduation in Power System in 1978. It was my great luck that my first immediate boss was a Parsi Gentleman honest to the core and fully dedicated to the Job. I am coming from very Royal family and inherited honesty and sincerity from my parents these all made my foundation very strong regarding working in the GEB.

Right from my childhood, I was knowing that knowledge is power and therefore, during my service in GEB in extra time I studied and I acquired the following qualifications :



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1. LLB (Gold Medal)
2. LLM (Gold Medal)
- PG Diploma in (1st Rank in the University)
3. Labour Laws
4. Industrial Relation and Personal Management -do-
5. Human Resources Development -do-
6. MBA (HRM) Distinction
7. Diploma in Dramatics

I may here add that during my studies at SVR I have won prizes in debate, speech, drama, sports competitions.

My qualifications and above extra activities gave me a vision to work as leader / officer in the organization successfully.

I am functioning as Chief Engineer in the Madhya Gujarat Vij Company Ltd. Baroda, which is attributed to my above achievements and keeping work as worship in mind. I have always respected my seniors in the office. I have taken due care of our consumers and worked with just and fair intentions in the organization.

I have no doubts if, anybody working with above qualities and dedication to the job, he can also acquire the highest position in the organization, because honesty and sincerely always pays at least in long run.

I wish all my friends best luck to fulfill their dreams and to serve society and nation at a large in lieu of their achievements.



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SURAT CITY OF EXPANDING HORIZANS
NEW DESTINATION OF AN INVESTMENT & RESIDENCE



Er. Bhadresh F. Shah (C-76)
Cons. Engr., Arch. & Developers

Surat, Commercial capital of Gujarat and ninth biggest city of the country having four million plus population, is fastest developing city. Its population increased by 62% in the last decade being highest in the India. It is the biggest textiles' centre of the India, having more than six lacs power looms, more than 500 processing houses and more than 50,000 shops and offices, mostly in textile market area. Surat is biggest diamond manufacturing city, not only in India but in the whole world. India's total export of diamonds is around Rs. 50,000 crores and Surat's contribution is 90% volumewise & 70% costwise.

Also, it is the main centre of Jari Industry. In last twenty years, Hazira, a Suburb of Surat, has emerged as a one of the biggest industrial area of India, worth projects of more than 100 thousand crores. Few of them are RELIANCE, ESSAR, L&T, KRIBHCO, NTPC, ONGC, SHELL, GAIL etc. which has a benefit of Arabian sea and natural port of Magdalla. Surat pays maximum taxes per year per capita, in whole of the country, more than 4,000 crores, in terms of excise and custom, income tax, sales tax and service tax. Surat is now new and exciting destination of an investment, which attracts lot of new entrepreneurs and people from all over the India and world. As such, this is not a new story, but history says that the British, the French, the Dutch and the Portuguese launched their establishments, first in Surat only.

Once known as dirtiest, most polluted and congested city of the country, has taken now U turn surprisingly, in last 10 years. Now it is miraculously most clean and green, bigger and wider, live and vibrant city of the India which has won many awards in the country and abroad, for the same. Not only that, but it has attracted most of the administrators of most of the civic bodies of country and abroad, who have visited Surat and tried to understand this miracle of only last 10 years.

Thanks, to the so called epidemic of plague, which shocked and slapped to "Laherilala Surati Sahelani" to awake, and thanks to Shri S. R. Rao, who was the commissioner of SMC in the year 1995, who undoubtedly and unhesitatingly, can be titled as "Man of the Century for Surat", who showed unique courage, to demolish more than 20 to 25 thousand buildings, fully or partially, which were under the line of alignment planned and sanctioned before 30 – 40 years. Roads were widen immediately, with wall to wall carpeting, with footpaths and road dividers. Traffic Islands and Rotaries with fountains and statues in it and tree plantation on both the sides and in the divider turned city in to most beautiful, clean, green and dust free city. Hats to Commissioner S. R. Rao.

The City has been divided in to six zones for efficient and perfect administration. Octroi [now to be paid by State Government] and house tax are the main backbone for income of the city, which is probably highest in the country, again per capita, and that is why Surat has progressed tremendously in all the directions of developments in last 10-12 years.

Few of them are listed below which are constructed and developed in the last 10 years.

- Surprisingly, Surat was lacking an Airport, which is now fulfilled and has now full-fledged domestic airport, which will be connected soon with important destination of India.
- Initially, respectively 20% and 45% of the population where covered under the facility of drainage network & portable water supply respectively, which is now nearly covering 100% of population, this is a great achievement towards healthy living of citizens. Most modern and well equipped water supply plants and drainage disposal plants have been constructed during last 10-12 years. Off-course new areas added in the city recently are under process of expansion of this facility.



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- Recently, about 25 villages and small towns surrounding Surat, have been population from about three million to more than four millions.
- No. of the slum pockets have been removed by giving them alternative stay, by re-planning of it and also by providing them basic amenities of roads, pot drainage lines, electric lines etc. This process is still going on.
- More than 60 new parks and gardens have been developed, about seven boating facilities and a big botanical garden have been developed or are process.
- Libraries, Swimming Pools, Fire Brigades, Health Centres, Auditoriums have been constructed or under planning, at least one in each zone. A very decent and "Kavi Narmad Central Library" has been constructed and it is being expanded.
- More than 100 new Municipal Schools have been commenced.
- Historical glory of the "Gopi Talao", in the heart of the city is in the process being established with surrounding development of multi purpose complex.
- An Indoor Stadium of capacity of more than 7000 seats in it and with 545 M. crown attraction of the city.
- Network of Fly Over Bridges, India's longest four lane fly over bridge at Varachha of 2.75 km, four lane fly over bridge on Ring Road, Textile market area of 1.75 over bridge at Athwa Junction and first Multi-layer Fly Over at Majoragate junction have been completed and number of other such bridges, like at Parle Point, Adaja Delhigate Junctions are under construction. Only Surat can boast such a network of roads and fly overs.
- Including three mega bridges on river Tapti, more than 80 small bridges and culverts have been constructed. A Vier cum causeway have been completed at the cost of crore rupees with the help of industries of Hazira.
- Surat is now not only commercial city but also becoming an academic hub. Initially there was only one Medical and one Degree Engineering college, now there are three Medical colleges and four Degree Engineering colleges. The four new Management colleges have come up, also lot of new Arts, Commerce, Science, Education, Law colleges have started. Lot of new Schools of National level have been started.
- Surat Municipal Corporation is organizing lot of annual events like, annual book fair, flower and handicraft fair, annual drama competition etc. are very popular and unparalleled to activities of the other cities.
- The Southern Gujarat Chamber of Commerce and industries, Surat is also most active and vibrant organization encouraging new business and industrial establishment in the city. They are also organizing lot of annual events like Udyog - mega exhibitions, Yashwantrao Chavan mela, tours and travel exhibition, exhibition of only women entrepreneurs, etc.
- Construction at the cost of about 50 crore rupees of an art gallery, science centre, museum, amphitheater & cafeteria complex will be completed within a year or two.
- There is complete piece and harmony as far as industrial labours are concern.
- New International reputed banks and organizations have started functioning in Surat.
- "Special Economic Zone", diamond park, apparel park, jari park and jewelry park is also planned and started functioning.
- Surat Municipal Corporation is most efficient and vibrant, it has introduced e-governance. To serve citizens well, number of fully computerized civic centres are opened throughout the city.

Surat city civic body has planned a road map of progress, "Surat : Vision 2020" and working hard to realize it. Surat is also having best climatic condition throughout the year. Wel-come to city of Surat, city of future, land of fortune and opportunities. Most exciting new destination of investment and permanent stay having finest living standards and climate.

Er. Bhadresh F. Shah (C-76)
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