



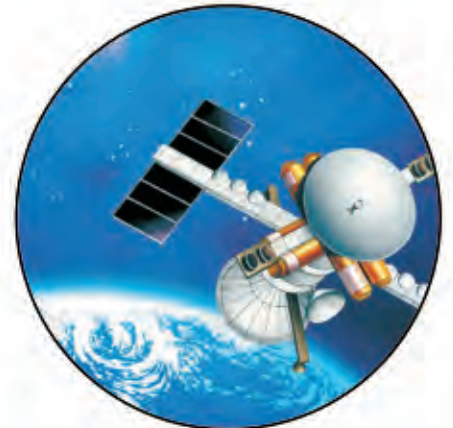
## Vision & Mission

We dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a technologically up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional expertise.



## Quality Policy

We at Smt. S. R. Patel Engineering College are committed to build a better nation through Quality Education with team spirit. Our students are enabled to excel in all values of life and become good citizens. We continuously improve the System, Infrastructure and Services to satisfy the Students, Parents, Industry and finally the Society.



# SOUVENIR

## Volume-2



## Saraswati Vandana



// Saraswati is the goddess of arts, music, knowledge and wisdom.  
Goddess Saraswati is said to possess the powers of speech, wisdom and learning.  
Saraswati is regarded as the dispeller of chaos and confusion. //

યા કુન્દેન્દુ તુષારહાર ધવલા યા શુભ્ર વસ્ત્રાવૃતા ।  
યા વીણા વર દંડ મણિતકરા યા શ્વેત પદ્મસના ॥  
યા બ્રહ્માચ્યુત શંકર પ્રભુતિભિઃ દેવૈઃ સદા વન્દિતા ।  
સા માં પાતુ સરસ્વતી ભગવતી નિઃશેષ જાહચપહા ॥

અસત્યો માંહેથી પ્રભુ ! પરમ સત્યે તું લઈ જા,  
હંડા અંધારેથી પ્રભુ ! પરમ તેજે તું લઈ જા,  
મહામૃત્યુમાંથી અમૃત સમીપે નાથ ! લઈ જા,  
તું - હીણો હું છું તો તુજ દર્શનનાં દાન દઈ જા,



## From Chairman's Desk

*"When technology and morals walk together,  
We can find the improvement  
in the quality of life."*



**Shri Rameshbhai H. Patel**  
Chairman, SRPEC

It is a matter of great pleasure that the second volume of our college souvenir **"Srujan-2013"** is being published. As in the first volume we had specified the details of our institute, its students, their accomplishments and different events, this volume is encompassing the further development undergone during the present academic year. The first volume was highly praised by one and all.

Our institute Smt. S. R. Patel Engineering College (SRPEC) always takes all possible measures to achieve its mission and to fulfill its vision. Different activities and events are planned out around the semester to supplement regular teaching and also to keep them abreast with the ongoing development in the field of technology.

Considering the impact of globalization and competitive world, SRPEC faculty and staff are being trained on a continuous basis in curriculum development and analysis of each subject, its concepts, principles and applications. Learning packages based on psychology of learning and subject matter analysis are prepared for easy understanding. We also prepare multimedia learning packages for students in different subject areas. These multimedia teaching-learning packages help both teachers and students in making learning very effective.

**Shri Rameshbhai H. Patel**



## From Principal's Desk



**Dr. A. H. Shah**  
Principal, SRPEC

It is matter of joy and satisfaction to pen down the words for the second volume of our college souvenir "**Srujan-2013**". I am quite sure that just like its first volume published in last year, the present one will be able to present the panorama of college achievements and equally appreciated by all.

We, at Smt. S. R. Patel Engineering College, make constant endeavors to provide quality education in frontier areas of engineering and technology through providing encouraging environment. We also heavily stress on discipline and regularity because we believe that our students should not only be technologically superior but also be ethically strong engineers.

We leave no stone unturned to raise the intellect of our students. Apart from the regular academic lectures, practical, seminars and project we also provide them opportunities to get familiarized with the modern developments in their respective field. Regular organization of expert lectures, workshops, conferences, technical symposiums and model presentation competitions enrich their knowledge base with latest trends in technology. Different companies and clubs are formed for the college students. The companies of each department help the students to get a feel of corporal and industrial requirement which are essential for their professional life. Through the various cultural and social activities of the clubs students can develop their latent talents and also link themselves with the welfare of society and environment.

Our institute has passed through its three successful academic years and in this fourth year it will be coming up with its first batch of professionally groomed engineers. We are here to help them and guide them for their future. I, on the behalf of whole SRPEC family hope and wish that our joint efforts may bear the fruit of success and our students may serve the nation and get well established in their life.

With Regards,  
**Dr. A. H. Shah**



## Message



**Dr. Akshai Aggarwal**  
Vice-Chancellor  
Gujarat Technological University

I am very pleased to learn that Smt. S.R. Patel Engineering College (SRPEC) in district Mehsana is publishing its second college-souvenir, called “**Srujan-2013**”. I have been informed that the souvenir has been designed to give a glimpse of the activities, carried out in the college and the achievements of the students and the institute.

We want GTU to be a great University. While making every single classroom, laboratory and workshop interesting is important, while working to make our programs practice-oriented is GTU’s mission, development of the complete personality of every student in all the hues, which come together to create a great human being, is the objective of the University. One of the important characteristics of a great personality is that a person, who possesses a great personality is able to express himself/ herself clearly. One should be able to improve one’s skills for expressing oneself clearly by writing for Srujan regularly. While working to express the ideas in a coherent manner, one starts understanding them better. Srujan and other extra-curricular activities play a great role in building the personalities of students at a college. I encourage the students of SRPEC to use their Udisha Club for expanding their repertoire of extra-curricular activities and activities like setting up and making an Open-Source Club, for increasing the tempo of industry-institute inter-action, for setting up and operating a placement committee, consisting of the pre-final year students only and for using the GTU Innovation Sankul’s Committee for getting good projects.

**Dr. Akshai Aggarwal**

## Message



**Dr. M. N. Patel**  
**Director,**  
Gujarat Technological University  
**Principal,**  
L. D. College of Engineering  
**Member Secretary,**  
Admission Committee for  
Professional Courses

On the occasion of the publication of second volume of college souvenir "**Srujan-2013**", I would like to send all the students and members of the institutes my warmest congratulations and good wishes.

Smt. S. R. Patel Engineering College has done and continues to perform a most excellent service to the fraternity of knowledge seeker in the field of engineering. On looking to the infrastructure site, the institute is having excellent structure of building, classrooms and also providing a state-of-the-art apparatus and facilities to the students, which may indeed be a matter of proud for the management of institute.

I have also noted with great pleasure that the institute has consistently increased its scope of activities over the last year and performs at most commendable standards.

I hope that institute will continue to be so industrious in its efforts and I wish every success in the future.

With affectionate thoughts.

**Dr. M. N. Patel,**  
Member,  
Board of Governors,  
SRPEC.



## Message



**Dr. Narottam Sahoo**  
Advisor & Member Secretary,  
GUJCOST,  
Gandhinagar

I am delighted to know that Smt. S. R. Patel Engineering College, Unjha is publishing its second volume of college souvenir "**Srujan-2013**".

Young students are a source of creativity, energy and initiative of dynamism along with engineering and social renewal. They learn quickly and adapt readily. Given the chance to explore the right world, they will contribute hugely to economic development and social progress.

In this connection, the endeavors taken up by the college management and dedicated faculties are really praise-worthy. I am sure that they will certainly benefit the student community and the society at large.

The "**Srujan-2013**" will be the real and excellent platform for the students to showcase their creativity, innovation and artistic talents. I hope that the college shall continue with its efforts for all round development of its students and faculties.

My best wishes for the souvenir and its upcoming issues.

Dr. Narottam Sahoo

## Message



**Shri Nayanbhai Parikh**  
Chairman,  
Multimedia Consultants Pvt. Ltd.

It is my pleasure that I am sending best wishes and greetings from Multi Media Consultants Pvt. Ltd. on the occasion of the publication of second college souvenir "**Srujan-2013**".

As I am closely associated with Shri Rameshbhai, Chiragbhai and Kalpeshbhai for many years, I have seen their dedication for the work and growth of M/s. Ajay Engi-Infrastructure Pvt. Ltd. Right from the planning of the Institute till today I have witnessed the achievement of your institute.

I wish you every success as an institute and I have no doubt that the coming years will be even more flourishing.

**Shri Nayanbhai Parikh,**  
Member,  
Board of Governors,  
SRPEC.



## Message



**Prof. H. G. Rajput**  
Director,  
Saffrony Institute of Technology,  
Mehsana.

I am glad to know that Smt. S. R. Patel Engineering College, Dabhi-Unjha is publishing its second volume of souvenir "**Srujan-2013**". It shall provide opportunities to the students community to show their creative abilities over and above academic performances. These are extremely needed for their successful career.

I congratulate academic and administrative management to initiate such efforts for overall development of the students and continue it for the successive years as it needs lots of resources and participation from the students, teachers and the management. I hope the students shall contribute maximum efforts with guidance from the faculty and support from the management.

My best wishes for "**Srujan-2013**".

**Prof. H.G.Rajput**  
Academic Advisor,  
SRPEC



05.12.2012

To,

**Prof. A. H. Shah**

**Principal, S. R. Patel Engg. College,**

**At. & Po. Dabhi, Ta. Unjha,**

**Dist. Mehsana, Gujarat.**

Dear Madam,

It is an honor to write for Smt. S. R. Patel Engineering College, Unjha which is going to publish its Second Volume of College Souvenir called "Srujan".

The College has proved one of the Best College which produces Better & Successful Engineers. The Engineers from this College has proved themselves in their respective fields. Learned Academic Staff & other Staff are very noble and Well Educated and guided their students feeling them as their own Child.

The Library & Practical Laboratories are Advance & Well Equipped to give perfect field knowledge which is required at field level. Staff is guiding the students according to the recent need in their field. The Campus is Decent & maintained properly to give homely atmosphere.

Summarily saying this College has proved one of the Best College & We are sure that College will increase its merit in coming years.

Wishing Warm greetings to Students & Management for further success.

Yours Faithfully,



Radiant Softtech & Engineers

## RADIANT SOFTTECH & ENGINEERS

FF-22, Narayan Palace, Thaltej-Hebatpur Road, Thaltej, Ahmedabad 380059, Gujarat, India.  
Tel. +91 79 65 22 72 72 • Website : [www.radiantgujarat.com](http://www.radiantgujarat.com) • Email : [info@radiantgujarat.com](mailto:info@radiantgujarat.com)



## Parents' Message

### આદરણીય ટ્રસ્ટીશ્રી, પ્રિન્સીપાલ મેડમ તથા શિક્ષકમિત્રો સૌને સાદર પ્રણામ,

સૌ પ્રથમતો અમે તમોને ઊંઝા વિસ્તારમાં વિદ્યાસંકુલ પ્રસ્થાપિત કરીને સફળતા પ્રાપ્ત કરવા બદલ હાર્દિક અભિનંદન પાઠવીએ છીએ. અમારા બાળકો જ્યારે આજે ચાર વર્ષ પૂરા કરીને બહાર પડવાની તૈયારીમાં છે ત્યારે થોડા શબ્દો કહેવાનું મન થાય...

### "સંસારમાં જેટલી ઉપલબ્ધિઓ છે, તે બધામાં શિક્ષણ સૌથી મોટી ઉપલબ્ધિ છે."

આજના આધુનિક યુગમાં શૈક્ષણિક સંસ્થાઓનો રાફડો ફાટ્યો છે. આવી સંસ્થાઓમાં શિક્ષણનું માત્ર વેપારીકરણ થયું છે. બાળકના ઉચ્ચ અભ્યાસ માટે યોગ્ય શૈક્ષણિક સંસ્થાની પસંદગી એ વાલીઓ માટે એક માટો પ્રશ્ન બન્યો છે. દરેક વાલી માટે પૈસા ખર્ચતા પણ બાળકની સર્વાંગી વિકાસ થાય તેવા પ્રકારની સંસ્થાની શોધ કરવી એ એક જટિલ પ્રશ્ન છે.

### "યુવકોને એવું શિક્ષણ મળવું અત્યંત આવશ્યક છે કે જેથી તેઓ પોતાની સામે સર્વોત્તમ આદર્શ રાખે."

અમારા બાળકના ઉચ્ચ અભ્યાસ માટે યોગ્ય શૈક્ષણિક સંસ્થા કે જ્યાં તેના જીવનનું ઘડતર થાય અને સાથે સાથે તેનામાં સંસ્કારોનું સિંચન થાય તે માટે અમે પણ મૂંઝવણમાં હતાં ત્યારે આ સંસ્થામાં અમે અમારી પસંદગી દર્શાવી. આજે ચાર વર્ષના અનુભવ પછી તે પગલું સાચું પુરવાર થયું તેવું કહેવામાં અમને કોઈ અતિશયોક્તિ લાગતી નથી. અહીં મારા બાળકને શિક્ષણની સાથે સંસ્કાર તેમજ તેના જીવન ઘડતરની કેળવણી મળી છે. શાળામાં વિષયોના નિષ્ણાત શિક્ષકો પાસેથી વિષયોનું ઊંડુ અને ઉચ્ચજ્ઞાન તો મળ્યું જ છે પણ સાથે સાથે આધુનિક સમયને અનુસરી ઉપયોગી સહઅભ્યાસ પ્રવૃત્તિઓ જેવી કે ઈન્ડસ્ટ્રીયલ વિઝિટ, વિવિધ દિવસોની ઉજવણી, એસ.ટી.ટી.પી.પ્રોગ્રામ, વિવિધ ક્લબોનું આયોજન, કોન્ફરન્સ, વાર્ષિકોત્સવ, સ્પોર્ટ્સવીક અન્ય સ્પર્ધાઓ અને ટેકનિકલ ઈવેન્ટ (પ્રકૃષ્ટ) દ્વારા બાળકોનો સર્વાંગી વિકાસ થયો છે. આ સંસ્થામાં "રક્તદાન કેમ્પ" નું આયોજન જેવી સામાજિક પ્રવૃત્તિઓને અમે બિરદાવીએ છીએ. આ સંસ્થામાં ભૌતિક સુવિધાઓ જેવી કે લાયબ્રેરી, વિવિધ લેબ, વગેરે ઉપર પણ પુરતું ધ્યાન અપાય છે. સ્કોલર વિદ્યાર્થીઓના ઉજ્જવળ ભાવિની તકો આ સંસ્થા પુરી પાડે છે.

### "જીવનની એક એક ક્ષણને માણવા માટે જીવીએ છીએ, અને એ જે શીખવે એ શિક્ષણ"

કુદરતના સાનિધ્યમાં શાંત, નયનરમ્ય અને શિક્ષણને સાનૂકુળ એવા વાતાવરણનું નિર્માણ થયેલ છે. એક વાલી તરીકે અમારો આ સંસ્થાનો અનુભવ સંપૂર્ણ હકારાત્મક છે અને અમારી હાર્દિક શુભકામનાઓ છે કે શ્રીમતી એસ.આર.પટેલ કોલેજ ઉત્તરોત્તર પ્રગતિ કરે અને સફળતાના નવા શિખરો સર કરે.

આભાર સહ...

કાલ્પિકના મમ્મી-પપ્પા

8<sup>th</sup> EC

## Board of Governors

**Shri Rameshbhai H. Patel**  
Chairman

**Shri Chiragkumar R. Patel**  
Vice Chairman

**Shri Kalpeshkumar R. Patel**  
Executive Director

## Members

**Dr. M. N. Patel**  
Principal,  
L. D. College of Engineering

**Shri Nayanbhai Parikh**  
Chairman,  
Multimedia Consultants Pvt. Ltd.  
Ahmedabad

**Dr. K. C. Thakar**  
Chairman  
KCT Consultancy Services,  
Ahmedabad

**Shri M. M. Salvi**  
Chartered Accountant  
Mehsana

**Shri B. J. Patel**  
Chairman  
Premier Engineering pvt.Ltd,  
Ahmedabad

**Prof. H. G. Rajput**  
Academic Adviser-SRPEC

**Dr. Ami H. Shah**  
Principal,  
Smt. S. R. Patel Engg. College,  
Dabhi-Unjha



## About SRPEC

Smt. S. R. Patel Engineering College was established in the year 2009 at Dabhi – Unjha, about 28 Km. away from Mehsana. The institute is promoted by Smt. Sushilaben Rameshbhai Patel Charitable Trust and supported by Ajay Engi-Infrastructure Pvt. Ltd., Mehsana. The institute is spread over a lush green campus in twelve acre area having a beautiful landscaping, gardens and peaceful environment, which provides a close proximity to the nature.

The institute offers four years degree engineering programs in following four disciplines at under graduate level:

1 Mechanical Engineering	120
2 Civil Engineering	60
3 Computer Engineering	60
4 Electronics & Communication Engineering	60

The institute is approved by AICTE, New Delhi and affiliated to GTU, Gandhinagar. The college implements various programs which are designed to enable learning in an application based environment. These comprises a combination of co-curricular technical workshops, expert lectures and hands on experience in well-equipped laboratories. Each department has advanced laboratories equipments and software. They arrange a number of industrial visits and field trainings relevant for the students. The field training is organized twice, once between 5<sup>th</sup> and 6<sup>th</sup> Semester and next between 7<sup>th</sup> and 8<sup>th</sup> semester. Students take up a different projects during their final year course. All the curricular and co-curricular events are sponsored by the institute. The college is presently taking steps to introduce post graduate courses in engineering in the coming semester.



## Detail of College Infrastructure

### Area

Total area under college premises	:	12 acres,
Total ready building area	:	14143 square meters,
Instructional area ready	:	7508 square meters,
Administrative area	:	1083 square meters,
Area for basic amenities	:	969 square meters.

### Boy's Hostels

Rooms	:	22
Capacity	:	66 students

### Library

Number of Titles available	:	1659
Number of volumes available	:	7466
Total cost	:	₹ 23,05,254.00

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### Laboratories

#### Electronics & Communication Engineering Department

Name of Laboratories	Cost ₹
Basic Electronics	2,70,360.00
Circuit and Network	12,285.00
Digital logic Design	17,640.00
Electronics Workshop	21,602.00
Control Theory	56,109.00
Microprocessor & Interfacing	28,964.00
Electronics Communication	2,77,716.00
Electronics Measurement & Instrumentation	1,38,783.00
Integrated circuit & Application	39,330.00
Applied Electronics	24,219.00
8051 Microcontroller	1,41,278.00
VLSI	1,18,125.00
Digital Communication	1,02,717.00
Antenna & Wave Propagation	89,250.00
Audio And Video	1,08,821.00
Optical Communication	1,02,385.00
Microwave bench	92,400.00
Embedded	93,555.00
<b>Total Cost</b>	<b>17,35,539.00</b>



## Computer Engineering Department

Name of Laboratories	Cost ₹
Database LAB	6,20,400.00
Mat LAB & Processor LAB	4,90,000.00
Language LAB(Communication Skill)	8,95,000.00
Operating System LAB(Linux)	5,70,400.00
Web Development LAB(ASP.NET & JAVA)	5,70,400.00
Other Computers & Accessories	8,30,000.00
<b>Total</b>	<b>39,76,200.00</b>

## Mechanical Engineering Department

Name of Laboratories	Cost ₹
Heat & Mass Transfer	4,42,607.00
Dynamic of Machinery	2,15,344.00
I.C. Engine	4,64,094.00
Automobile Engineering	90,000.00
Refrigeration and Air conditioning	4,23,105.00
Pro-E software (CAD Lab.)	5,25,000.00
Fluid Power Engineering	6,68,000.00
Theory of Machine	63,700.00
Fluid Mechanics	2,52,378.00
Material Science & Metallurgy	1,68,035.00
Elements of Mechanical Engineering	93,531.00
Conventional Power Engineering	5,650.00
Mechanical Measurement & Metrology	1,22,516.00
Manufacturing Process-I	7,71,214.00
Workshop	2,54,588.00
<b>Total Cost</b>	<b>45,59,762.00</b>

## Civil Engineering Department

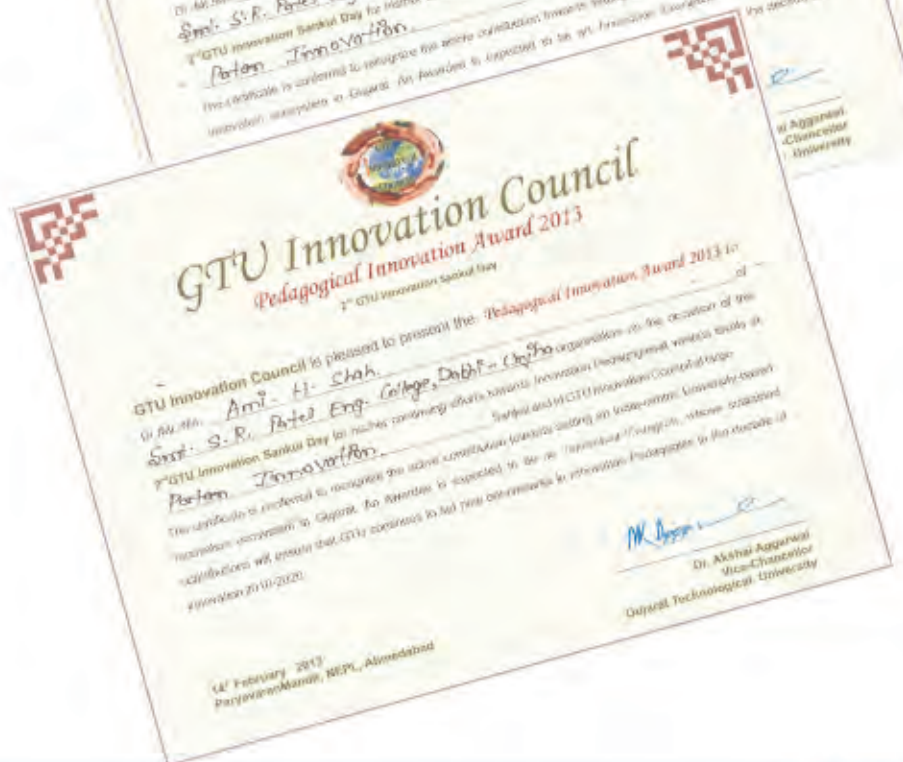
Name of Laboratories	Cost ₹
Elements Of Civil Engineering / Surveying	1,15,934.00
Mechanics Of Solids	8,33,277.00
Concrete Technology	2,96,717.00
Highway Engineering	4,92,991.00
Environmental Engineering, Water & Waste Water Engineering	3,26,500.00
GeotechEngineering	3,43,930.00
Advanced Fluid Mechanics	6,24,996.00
Engineering Geology	32,412.00
Advanced Surveying	6,50,000.00
<b>Total Cost</b>	<b>37,16,758.00</b>



## Pedagogical Innovation Award-2013



The constant efforts made by Smt. S. R. Patel Engineering College has been recognized and recently acknowledged through two prestigious awards from GTU Innovation Council on 14<sup>th</sup> February 2013, during the occasion of 2<sup>nd</sup> Innovation Sankul Day celebration. Selected personals from the field of academics, industry and individuals associated with GTU Innovation Sankul were awarded for their remarkable innovation introduced and implemented in their respective field. In the same context our honorable Chairman of SRPEC, Shri Rameshbhai H. Patel and Principal of college, Dr. Ami H. Shah were honored with **Pedagogical Innovation Award-2013** for their contributions as Best Trustee and Best Principal under Patan Innovation Sankul.





*Congratulations!*

## Best Faculty Award-2012

The institute has decided to reward the best faculty on the basis of their performance and sincerity. The parameters which are considered for deciding the award are teaching methodology, other academic responsibility taken up, co - curricular activities, extra lectures conducted, other work handled, FDPs, workshops, STTPs attended, number of paper presented, punctuality and regularity. Considering the above factors the Best Faculty award is given.



**Prof. Patel Piyush M. (ME)**  
(₹ 15000/-)

## Best Student Award-2012

The best student award is given to the year's all-rounder student of the college. The indices considered for selecting the best student are academic results, discipline, regularity, punctuality, participation in technical events, co-academic activities and social contributions. Depending upon the above parameters the award is given.



**Ms. Patel Vidhi (8<sup>th</sup> EC)**  
Roll No. 09EC54  
(₹ 11000/-)

*Congratulations!*

## Students' Awards - 2012

### Gold Medal

(Institute Topper)



**Patel Utsav (ME)**

Gold Medal + ₹ 25000/-

### Silver Medals



**Patel Kaushal (ME)**

Silver Medal + ₹ 25000/-



**Patel Rashmin (ME)**

Silver Medal + ₹ 18000/-



**Patel Hiren (ME)**

Silver Medal + ₹ 13000/-



*Congratulations!*

## Institute Merit Award - 2012

On the basis of performance of the students in University examination and depending on the GTU results, deserving students of each year are encouraged with the following awards if they fulfill one or more of the criterion given below.

- For Rankers of the Institute :  
First : ₹ 20000/-    Second : ₹ 15000/-    Third : ₹ 11000/-
- For Rankers of Each Branch of the institute :  
First : ₹ 5000/-    Second : ₹ 3000/-    Third : ₹ 2000/-
- In addition, each student appearing in to the Ten Rankers list of the G.T.U. shall be awarded a prize of ₹ 15000/- each.
- The best student of the institute for the year shall be awarded a prize of ₹ 11,000/-.
- If there are more than one student holding same rank, under point A or B, then the corresponding prize amount will be given to each of them, separately.

### Sem - I & II



**Patel Kaushal (ME)**  
Institute Rank - 1<sup>st</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 25000/-)



**Patel Rashmin (ME)**  
Institute Rank - 2<sup>nd</sup>  
Branch Rank - 2<sup>nd</sup>  
(₹ 18000/-)



**Patel Hiren (ME)**  
Institute Rank - 3<sup>rd</sup>  
Branch Rank - 3<sup>rd</sup>  
(₹ 13000/-)



**Patel Siddharth (Civil)**  
Branch Rank - 1<sup>st</sup>  
(₹ 5000/-)



**Patel Vijay (Civil)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Vivek (Civil)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Mevada Khyati (EC)**  
Branch Rank - 1<sup>st</sup>  
(₹ 5000/-)



**Patel Payal (EC)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Thakkar Chintan (EC)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)

*Congratulations!*

## Sem - III & IV



**Patel Utsav (ME)**  
Institute Rank - 1<sup>st</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 25000/-)



**Patel Rushabh (ME)**  
Institute Rank - 2<sup>nd</sup>  
Branch Rank - 2<sup>nd</sup>  
(₹ 14000/-)



**Soni Ankit (EC)**  
Institute Rank - 3<sup>rd</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 20000/-)



**Patel Vivek (Civil)**  
Branch Rank - 1<sup>st</sup>  
(₹ 5000/-)



**Patel Umesh (Civil)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Nikung (Civil)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Patel Jaimini (CE)**  
Branch Rank - 1<sup>st</sup>  
(₹ 5000/-)



**Parikh Aanal (CE)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Hiral (CE)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Dave Parth (EC)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Maulik (EC)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Prajapati Jigar (ME)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



*Congratulations!*

## Sem - V & VI



**Patel Dhara (CE)**  
Institute Rank - 1<sup>st</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 25000/-)



**Patel Rushi (Civil)**  
Institute Rank - 2<sup>nd</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 20000/-)



**Chhagar Khushprit (EC)**  
Institute Rank - 3<sup>rd</sup>  
Branch Rank - 1<sup>st</sup>  
(₹ 16000/-)



**Patel Mayank (Civil)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Ritu (Civil)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Patel Monica (CE)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Mevada Bina (CE)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Patel Vidhi (EC)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Desai Akshay (EC)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)



**Patel Harshil (ME)**  
Branch Rank - 1<sup>st</sup>  
(₹ 5000/-)



**Patel Bhavin K. (ME)**  
Branch Rank - 2<sup>nd</sup>  
(₹ 3000/-)



**Patel Bhavin D. (ME)**  
Branch Rank - 3<sup>rd</sup>  
(₹ 2000/-)

*Congratulations!*

## Industrial Training Award - 2012 (sem - VI)

Students of 7<sup>th</sup> Semester take up various projects during industrial training these are supervised by internal and external guide, and evaluation sheet is provided for each student. Depending upon the evaluation of the guides regarding the student's performance, awards are given to first three scorers in each department.



**Patel Mayank (Civil)**  
Branch Rank – 1<sup>st</sup> (₹ 5000/-)



**Patel Brijesh (Civil)**  
Branch Rank – 2<sup>nd</sup> (₹ 3000/-)



**Chauhan Krunal (Civil)**  
Branch Rank – 3<sup>rd</sup> (₹ 670/-)



**Chad Jagdish (Civil)**  
Branch Rank – 3<sup>rd</sup> (₹ 670/-)



**Patel Dhara (CE)**  
Branch Rank – 1<sup>st</sup> (₹ 5000/-)



**Patel Himalay (CE)**  
Branch Rank – 2<sup>nd</sup> (₹ 2500/-)



**Patel Megha (CE)**  
Branch Rank – 2<sup>nd</sup> (₹ 2500/-)



**Desai Akshay (EC)**  
Branch Rank – 1<sup>st</sup> (₹ 5000/-)



**Patel Lakshank (EC)**  
Branch Rank – 2<sup>nd</sup> (₹ 3000/-)



**Patel Vidhi (EC)**  
Branch Rank – 3<sup>rd</sup> (₹ 2000/-)



**Patel Karpit (ME)**  
Branch Rank – 1<sup>st</sup> (₹ 5000/-)



**Prajapati Sandip (ME)**  
Branch Rank – 2<sup>nd</sup> (₹ 3000/-)



**Prajapati Unnat (ME)**  
Branch Rank – 3<sup>rd</sup> (₹ 2000/-)



*Congratulations!*

## Sports' Awards - 2012

During the college sport's week celebration in the year 2012 as a part of "Funethnize", following students were the winners in the Boys and Girls categories. Some events were organized for both categories while some were specific for any one category.



**Harmani Vishal (CE)**  
Carom



**Sathavara Janki (CE)**  
Carom



**Patel Jay (CE)**  
Table Tennis



**Patel Jignasha (CE)**  
Table Tennis



**Patel Jaimin (ME)**  
Volleyball



**Patel Darshana (CE)**  
Volleyball



**Patel Yash (EC)**  
Badminton



**Sathavara Janki (CE)**  
Badminton



**Patel Umesh (Civil)**  
Tug of war



**Patel Trupti (CE)**  
Tug of war



**Patel Kalpik (EC)**  
Chess



**Bharad Rupkuvarba (CE)**  
Chess



**Patel Utsav (ME)**  
Long Jump



**Patel Bhavin K. (ME)**  
Cricket



**Rajput Nagji (ME)**  
Relay (200 mt)



**Patel Mayur (ME)**  
Kho-kho



**Patel Nikunj (Civil)**  
Kabaddi



**Patel Swati (EC)**  
Lemon Spoon

*Congratulations!*

## Photography Competition Awards

A college photography competition was organized in the year 2012 in which students had captured the moments and images of college campus through their cameras. Large number of wonderful photographs was received by the participants and out of them following are the winning entries.



**Patel Amit (Civil)**  
Rank – 1<sup>st</sup>



**Patel Deep (ME)**  
Rank – 2<sup>nd</sup>



**Patel Savan (ME)**  
Rank – 3<sup>rd</sup>



*Congratulations!*

## Faculty Awards -2012

Faculty Awards are given to deserving faculties on the basis of GTU result of the respective subjects according to following criterion :

- The Faculty whose subject's result secure higher in comparison to respective GTU result shall be awarded a prize of ₹1000/- per percentage difference.
- Each faculty whose subject appears in Top Ten List of GTU shall be awarded a prize of ₹ 3000/-.
- Each faculty whose subject acquires first rank in zone result shall be awarded a prize of ₹ 2000/-.



**Prof. Mehul Patel**  
EEE  
(₹ 14,926/-)



**Prof. Manoj Rajapara**  
EG  
(₹ 7,277/-)



**Prof. Nikunj Patel**  
EG  
(₹ 5,589/-)



**Prof. Ravi Patel**  
EEE  
(₹ 2,634/-)



**Prof. Prakash Mistri**  
EG  
(₹ 2,055/-)



**Prof. Tushar Patel**  
EG  
(₹ 378/-)



## Important Activities of the Year

### NCEIT - 2013

In continuation of various significant activities our institute had organized its first "National Conference on Innovative and Emerging Technologies (NCIET-2013)" during 24<sup>th</sup>-25<sup>th</sup> January, 2013. The primary goal of the conference was to bring together the nationwide leading researchers, engineers and academicians interested together to exchange their innovative ideas in the fields of technology for futuristic development and human welfare. The event was formally inaugurated by the chief guest Mr. Apurva Parikh, Director Multimedia Consultants Private Limited, Ahmedabad along with other dignitaries present during the function. About 210 technical and research papers were received from active researchers and scholars in academia and industries in the following tracks:

- Information Technology/Computer Science and Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Civil Engineering

After thorough review, 138 papers from prospective authors were selected for oral presentation. The papers selected for presentation during conference were published in the conference proceeding. The valedictory function was arranged on 25<sup>th</sup> evening; Dr. M. N. Patel graced the event with his presence and blessings. Dr. Narottam Sahoo, adviser GUJCOST, Gandhinagar and Mr. Satyendra Kumar Gupta were also present to honor the function. Two best papers under student's category were given first prize of ₹ 8,000/- and second prize of ₹ 5,000/- in each four tracks. Similarly under professional category, track wise one best paper was awarded with prize amount of ₹ 5,000/-. Moreover, one overall best paper was awarded a cash prize of ₹ 10,000/- as Futuristic Scientist Award. The selected papers which won awards were published in journal with ISSN. The conference received encouraging feedback from participants as well as the supporting organizations.



NCIET participants addressed by Dr. M. N. Patel during valedictory & winner awarded by Dr. Narottam Sahoo



## NCIET-2013 Rank List

S.N.	Category	Track	Rank	Name of Authors	Organization	Amount (₹)
1	Best Paper of NCIET-2013	Civil		U.A. Viroja, Dr. D.P. Soni	S. V. I. T., Vasad	10000/-
2	Student	Civil	1	U.A. Viroja, Dr.D.P. Soni	S. V. I. T., Vasad	8000/-
3	Student	Civil	2	Ketan C. Varmora, Dr.P.J.Gundaliya	L. D. College of Engg., Ahmedabad	5000/-
4	Student	Mech	1	P. M. Bhatt, Dr.H. N. Shah, Mr.U. S. Joshi	R. K. University of Engg., Rajkot	8000/-
5	Student	Mech	2	P. L. Parmar, Prof. P. M. George, Prof. S. P. Joshi	B. V. M., Vallabh Vidyanagar	5000/-
6	Student	Computer	1	Mr. Harshad Chaudhary Mr. Jignesh Patel Mr. Suresh Chaudhary	U. V. Patel Engg. College., Kherva	8000/-
7	Student	Computer	2	Karshan Kandoriya, Prof. H. M. Diwanji	L. D. College of Engg., Ahmedabad	5000/-
8	Student	E.C.	1	Mr.Nilay Desai, Dr.Chirag Paunwala, Prof.Sarosh Dastoor	Sarvajanik College of Engg. &Technology	8000/-
9	Student	E.C.	2	Prapti R. Pandya	L. J. Inst. Of Technology,Ahm.	5000/-
10	Professional	Civil	1	Mr. R. P. Shrivastava Dr. A. V. Shroff	Parul Institute of Technology	5000/-
11	Professional	Mech	1	Mr.Ashok H. Sapariya, Dr. A.V.Doshi	S. N. P. I. T. R., Umrakh	5000/-
12	Professional	Computer	1	Aniruddh Mali, Malay Bikas Chowdhuri, Ranjana Manchanda	I. P. R. Bhatt, Gandhinagar	5000/-
13	Professional	E. C.	1	Ashish M. Kothari, Dr.Ved Vyas Dwivedi	Shree. J. J. Tiberwala University, Rajasthan	5000/-

## Message from NCIET Participant :

Dear Madam,

It was really a very nice experience of NCIET 2013. We enjoyed a lot & especially GALA Dinner !!!

Hope you people will provide us such a good platform again & again....and ya, please make coming conference international!

One kind request to you that please send photos of prize distribution moment to each winner! Hope you will grant it!

Regards,

**Aniruddh Mali**

**Technical Assistant,**

Institute of Plasma Research,  
Gandhinagar.

9377622628





## Science Fair

A Science Fair & Career Guidance Seminar was organized on 6<sup>th</sup> January, 2013 at the college campus. Different technical events like, Model, Poster- presentation, Quiz and Elocution competitions were organized. Apart from these competitions a special lecture series was also arranged, where well known experts delivered special talk regarding career planning, preparation tips and keys for success in board and other competitive exams. The event was designed for the students of 11<sup>th</sup> – 12<sup>th</sup> standard, Science stream from various schools of North Gujarat. A large number of entries had been received from enthusiastic students.

The Chief Guest of the event Dr. M. N. Patel, along with the other dignitaries did the inauguration and provided their blessings to the participants. Total number of 600 enthusiastic participants along with 54 teachers from 72 various schools unveiled their scientific & technological temper through their model and poster presentations. The deserving students were appreciated with awards. A total amount of ₹ 12000/- was given to the winners of the different events. All the school participants were highly motivated by the whole event and were inspired to pursue technological studies in future.



**Student participants with their models and winners being awarded during Science Fair**



## Special Classes

### Pro-E:

Pro/ENGINEER is the standard in 3D product design, featuring industry-leading productivity tools that promote best practices in design while ensuring compliance with every industry and company standards. This software has become integrated part of the industry. Keeping in mind the above factors and the importance of this course institute has purchased software "Pro-E Creo 2.0" which costs ₹ 5, 10,000. It will be introduced and taught by our faculty members in a well defined schedule to acquaint the students with the latest technological trend in the industry.

### Features :

- Course covers the Sketching, Modeling, Assembly, Drafting, Sheet metal and Surface environments of Pro/ENGINEER Wildfire.
- The sessions provide the detailed explanation of the Pro/ENGINEER Wildfire commands.
- Additional information is provided throughout the sessions in the form of assignments.
- Self-evaluation test and review questions are provided at the end of each session so that the students can assess their knowledge.

### GATE :

Graduate Aptitude Test in Engineering (GATE) is an all India examination that primarily tests the comprehensive understanding of diverse undergraduate subjects in Engineering and Technology. GATE is conducted jointly by the Indian Institute of Science and seven IITs (IIT Bombay, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT Kharagpur, IIT Madras and IIT Roorkee) on behalf of the National Coordination Board – GATE, Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India. The GATE Score of a candidate reveals the relative performance level of a candidate. The score is used for admissions to various post-graduate programs (e.g. M.E., M.Tech, and direct Ph.D.) in Indian higher education institutes with financial assistance provided by MHRD and other Government agencies. The score may also be used by Public sector units for employment screening purposes.

GATE is one of the most difficult competitive exams of the nation in Technological field so to make it easier for the student, provide them ample knowledge and required guidance institute has made arrangement of special preparatory classes for GATE. The classes were planned to be conducted by the subject experts specially appointed for these classes and the whole course is made free of cost to the interested students by the college management.



## Innovative Projects from Final Year Students

The students of final year had taken up Industry defined or User defined projects as a part of their curriculum. Some of the important projects in different branches are given below.

### Civil Engineering

#### 1. Assessment of solid waste management system & development of suitable strategies

This project is aimed to design effective Solid Waste Management strategies of Unjha-City. In this study, emphasis is laid on the study of components of municipal solid waste, collection, segregation, treatment and disposal processes of Unjha Municipal Corporation. The key objective of the study is to develop proper management strategies for human welfare and city development.

**Students : Devla Mamun, Rami Saurabh and Desai Satish.**

**Guide : Prof. Patel Darshana**

#### 2. Preparation and study of different structures by developing earthquake shake table

Constructing model buildings and subjecting them to ground vibration (shaking similar to earthquake vibrations) on a small shake table in order to explore earthquake hazards and damage to them. The building models are constructed and then they are tested by subjecting them to earthquake shaking to see which designs and constructions are successful. In this research, a uni-axial horizontal earthquake shake table that can generate seismic waves of different frequencies equivalent to the original earthquake is developed. Various models such as framed structures, structures with dampers, village houses etc. were used as case study. The effect of liquefaction is also studied and analysed visually. Analysis is carried out using Pro-E software.

**Students : Chauhan Kunal, Goswami Parixit and Brahmhatt Mihir.**

**Guides : Dr. Shah Ami and Prof. Patel Harshad.**



## Computer Engineering

### 1. Development of Secret SMS Magnet

Secret SMS Magnet is mobile application which is used to spy on someone. When secretly installed on a cell phone, will send all the text messages and call details to any other phone without the owner's knowledge. This application is certainly controversial, but can be helpful to people in relationships where this type of monitoring can be useful. This is to be designed on Android platform.

**Students : Patel Shloka and Patel Bhavya.**

### 2. Designing of College Website

This Project is based on the college site which is the collection of web pages, images, videos and other assets that are hosted on one or several web server, usually accessible via internet. This system gives the detail information of the functional and non-functional requirements of the college. This system makes a full effort to make the existing system more attractive, dynamic and achieving more functionality. It is based on PHP platform.

**Students : Patel Dhara, Suthar Vidhi, Thakor Kiran, Boghara Alpa, Suvas Ranjansingh, Patel Priyanka, Trivedi Ankita, Patel Monika, Patel Avani and Patel Janki.**

**Guide : Prof. Shah Nigam.**

## E & C Engineering

### 1. Designing XMOS Processor for Scientific (Astronomical) Instruments

In this project a XMOS processor is been used in optical polarimeter to measure the optical polarization and also to be used in cloud sensor to sense the image of cloud. It can also get interfaced with a PC & for the analysis. The work is based on Embedded software. The project is done with the collaboration with Astronomy & Astrophysics Division, Physical Research Laboratory (PRL), Ahmedabad.

**Students : Desai Akshay and Chaggar Khushprit.**

**Guides : Dr. Shashikiran Ganesh (PRL) and Prof. Patel Ravi.**

### 2. Developing Emergency Calling System for Hospitals

The emergency calling system can save the life of patient when they are in emergency situation system in hospital. This is useful for patient when they are in any critical situation and draw attention of respective hospital authority by pressing a single button. The project is developed with a micro controller. It is carried out with association with Shree Archi Embedded Solution(SAES), Gandhinagar.

**Students : Parikh Deep, Jadav Ajay and Mehta Bhautik.**

**Guides : Mr. Vadgasiya Hitesh (SAES) and Prof. Patel Sacheen.**



## Mechanical Engineering

### 1. Experimental Analysis & Improvement of Compressed Air Powered Vehicle

The air powered vehicle is an eco-friendly vehicle which works on compressed air. There is no mixing of fuel with air as there is no combustion. An air driven engine makes use of compressed air technology for its operation. When the compressed air expands, the energy is released to do work. So this energy in compressed air can also be utilized to displace a piston. The power developed by the air engine is less than the power developed by the fossil fuel engines but still due to environment benefits improvement should be done on the air powered vehicle. An internal combustion engine is modified to the compressed air engine, for testing and implementation. Software like AutoCAD, Autodesk Inventor and Pro-E were used during the analysis.

**Students :** Patel Deep, Patel Savan, Saraiya Narendra and Patel Apurva.

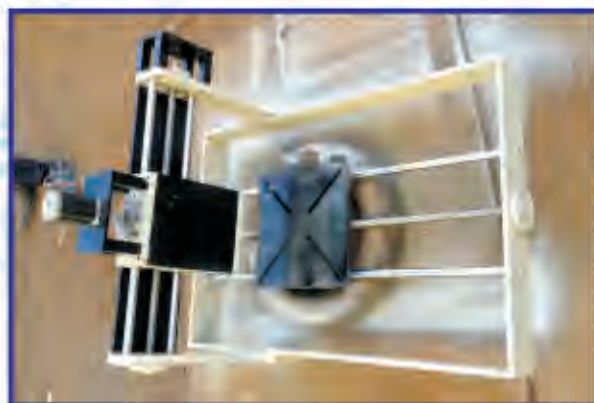
**Guide :** Prof. Subbarao Chamarthi.

### 2. Development of CNC Milling Machine

In this project, an Open Architecture Personal Computer-based Numerical Control (OAPC-NC) system that can generate G-code was developed in Visual basic 6.0 GUI software. This system was implemented on a milling machine. A driver and an interfacing circuit were developed in order to interface between the machine and PC. The possibility of using the developed controller for Internet machining was also demonstrated. In order to test the openness of the developed OAPC-NC system, several addition functions have been added into the developed system. Besides this the stepper motor driver circuit board that is developed has been successfully interfaced between the PC and the milling machine. VB 6.0, C++ and Pro-E are the languages and software used during the study.

**Students :** Patel Karpit, Prajapati Sandip and Patel Chintan.

**Guide :** Prof. Patel Harshad.





## Faculty Development Program

A special communication skills and personality development program was organized at college premises on 28<sup>th</sup> July 2012. Mrs. Michelle Ganeshani, a well-known life skill coach and life style consultant from Vadodara, addressed all the staff members of the institute. She stressed upon the general mistakes one does during a conversation, body language and voice culture. The program was proved fruitful and beneficial for the participants.



College staff attending communication skills and personality development program

## About ISO Certification

We at Smt. S. R. Patel Engineering College, strive to deliver comprehensive, continually enhanced, global quality technical education through an established Quality Management System (QMS).

We also strive to communicate this policy to all persons at all levels so that this policy becomes a working reality within the organization. In line with this idea, measures are being taken for ISO certification.

The major objectives which will be achieved through the adoption of ISO 9001:2008 Complaint QMS are summarized here :

The entire academic and supporting activities of a department get integrated into a formal process model. Thus the course delivery, internal assessment tests, laboratory work, seminars etc., are all planned well in advance and are made available to all concerned. Regular feedback from the students is obtained and analyzed to improve the entire process. Statistical methods are adopted to analyze the examination results and corrective and preventive actions are taken to improve results. Admissions, examinations, purchase, library, sports and other administrative units function according to well-documented procedures, ensuring high operational quality. Training programs are planned in every department to ensure that teachers and technical staff update their knowledge continuously.

The award of ISO 9001: 2008 certificate will further reinforce the resolution and commitment of the entire institution to provide an environment conducive to the all-round growth of students and we are confident that SRPEC will continue to improve the quality of its services. The QMS is fairly comprehensive and covers all the key processes of the institute.



## GTU Inter-zonal Sports

During GTU Sports Event "Spirit 2012-13" college had hosted three different events viz. Wrestling, Kho-Kho and Judo. Our college had Inter-zonal championship in Judo and Wrestling while Zonal championship in Kho-Kho.





## Activities Round the Year

Along with regular academic activities various co-curricular and technical events are arranged round the year in the college for better exposure of the students to various facets of profession and society.

### "Prarambh"- Orientation Program

The Orientation Program "Prarambh" is organized every year for the first year students. Its main objective is to introduce the new entrants with the college environment and its achievements. During present academic year "Prarambh-2012" was held on Sunday, 15<sup>th</sup> July 2012. Various dignitaries were present for blessing and inspiring the fresher. The orientation ceremony was attended by around 220 new entrants and their parents.

2009



2010



2011



2012





## "Prakrust" - Technical Symposium

"Prakrust" a National Level Technical Symposium is organized by the college to provide a platform to all the college students as well as graduate students of other engineering and technological institutes to show case their technical and other talents. The aim of competitions & events held during "Prakrust" is to cater to all genres of engineering and technology. This is ensured by having competitions like Robo Race, Robo Fight, Paper Presentation, Exhibition, Aqua Robo, Documentary, Circuit Debugging, Bug Hunter, Add & Made.

"Prakrust—2012" was organized on 9<sup>th</sup> and 10<sup>th</sup> February, 2012. The organization and management was especially creditable. Inauguration function was held on 9<sup>th</sup> February 2012 in the presence of honorable guests including Prof. I. N. Patel, Chairman, ISTE Gujarat Section, Dr. P. V. Bhale, SVIT Surat, Dr. Chaitanya S. Sanghavi, L. D. College of Engineering, Shri Rameshbhai H. Patel, Chairman - SRPEC, Dr. Ami. H. Shah, Principal - SRPEC & Prof. K. G. Patel, Co-convener, Prakrust - 2012.

Other than the traditional crowd-pulling events, Prakrust— 2012 boasted of many new initiatives and interactive events. The effort that had been put by staff members, management and students was truly praiseworthy.

All the events, like always, saw a huge turnout both in terms of enthusiastic participants and an exuberant audience. It was also strategic in getting hold of a floating crowd and ensuring huge numbers for any announcements/news etc. Almost everyone who attended Prakrust—2012 would agree that Lecture Series was indeed its highest point.

2011



2012





## Annual Day

Annual day is organised by college to award the various achiever of the institutes in the past one academic year. Last year the Annual day and the valedictory function of the national symposium "Prakrust" was held on 10<sup>th</sup> February 2012. It began with lighting the lamp in the auspicious presence of Honourable Chief Guests Dr. Akshai Aggarwal, Vice Chancellor, Gujarat Technical University, Ahmedabad, and Mrs. Shakuntalaben Aggarwal. Guest of Honours Prof. M. N. Patel, Principal LDCE, Ahmedabad, Shri Nayanbhai Parikh, Chairman Multimedia Consultants Pvt. Ltd., Dr. H. N. Shah, Principal SPCE, Visnagar, Shri Kanjibhai Patel, Chairman of Rakesh Construction Pvt. Ltd. Shri Rameshbhai H. Patel, Chairman SRPEC, Dr. A. H. Shah , Principal SRPEC, Prof G. S. Patel, Convenor and Mr. Hiren Savaliya, Student Convenor of Prakrust—2012.

During the Annual day various awards of excellence in academics, sports, various projects, technical events along with "Prakrust" Awards are given to deserving students.

2010



Dr. M. N. Patel, Director, GTU, Ahmedabad. gracing the Annual Day Celebration.



2011



Dr. S. K. Jain, Director, IIT-Gandhinagar awarding the students during Annual Day.



2012



Dr. Akshai Aggarwal VC, GTU, Ahmedabad honoring the Annual Day Celebration.





## Co-Academia Activities

### Industrial Visits

Along with the regular classes and laboratory, industrial visits are also conducted in each department. The visits are planned for the students of the third and higher semesters. The visits provide an opportunity to get exposure to the present industrial application of technology. During these visits no financial burden is given to students. Following is the list of industries which are normally visited every year.

Department wise information of industrial visits is given below :

#### Civil Engineering

Sem	Industries
3 <sup>rd</sup>	● Adani Shantigram, ● Indira Bridge
4 <sup>th</sup>	● Godrej Garden City, ● Arvind Mill, ● Hot Mix Plant, ● Indira Bridge
5 <sup>th</sup>	● KCT Consultancy Services, ● M.S. Khurana Engineering Ltd., ● Ranjeet Buildcon Ltd.
6 <sup>th</sup>	● Gujarat Water Supply Sewerage Board, ● Railway Staff College
7 <sup>th</sup>	● Narmada Dam

#### Computer Engineering

Sem	Industries
3 <sup>rd</sup>	● Bhaskaracharya Institute for Space Application and Geo-Informatics (BISAG)
4 <sup>th</sup>	● Bhaskaracharya Institute for Space Application and Geo-Informatics (BISAG)
5 <sup>th</sup>	● HCL, ● Vikram Sarabhai Space Exhibition, ● Sigma Solve IT
6 <sup>th</sup>	● Rishubh Infotech
7 <sup>th</sup>	● Regional Telecom Training Center, ● BSNL

## E&C Engineering

Sem	Industries
3 <sup>rd</sup>	● MCBS
4 <sup>th</sup>	● Circuit System India Ltd., ● Jayant Circuit
5 <sup>th</sup>	● Hitachi Hi-Rel Power Electronics Pvt. Ltd., ● EQDC
6 <sup>th</sup>	● TATA Tele Communication Service Ltd., ● Ericsson India Global Services Pvt. Ltd. ● Anchor Electronics Pvt. Ltd., ● BSNL Tele Communication, ● EQDC ● PCS Technology Pvt. Ltd., ● Truemake NIDC Estate, ● Amtech Electronics, ● Jayant Circuit, ● Sahajanand Laser, ● Oclg Control, ● Sigma Trainers and Kits,
7 <sup>th</sup>	● Solar Plant, GPCL, GETCO

## Mechanical Engineering

Sem	Industries
3 <sup>rd</sup>	● Appollo Construction Equipment Ltd., ● Neptune Industries
4 <sup>th</sup>	● Indo German Tools, ● Windsor Machine Pvt. Ltd.
5 <sup>th</sup>	● Neptune Industries, ● Sardar Sarovar Dam, ● Thermal Power Plant of GEB, ● Wanakbori Thermal Power Plant, Kheda
6 <sup>th</sup>	● J. H. Engineering Works, ● Sandvik Asia Pvt. Ltd.
7 <sup>th</sup>	● Banaskantha District Co-Operative Producer's Union Ltd., ● Shreeji Pvt. Ltd. ● Bio-Fuel Research and Development



## Field Training

While the industrial visits provide an over-all view of the present industrial scenario and technological applications, the field trainings are meant to make the student self-reliant and confident in carrying out various projects in association with respective industries. The field training is organized twice, once between 5<sup>th</sup> and 6<sup>th</sup> Semester and next between 6<sup>th</sup> and 7<sup>th</sup> semester. All the expenses during these trainings are born by the college management and no financial burden was put on the students. Following is the list of industries and sites where students had under gone field training. Awards are given to deserving students based on the evaluation of internal & external guides as mentioned on page 22.

### Civil Engineering

Abhishek Engg. Pvt. Ltd.,  
Ajay Engineering Pvt. Ltd.,  
H.G. Engineering Pvt. Ltd.,  
Gujarat Maritime Board,  
Ajay Project Pvt. Ltd.,  
Anubhav Construction Company,  
Ajit Construction Company,  
Tacon Infrastructure Pvt. Ltd.,  
Gujarat Siddhi Cement  
Patel Infratech,  
Sanjay Construction Pvt. Ltd.

### Mechanical Engineering

Appollo Construction Equipment Ltd.,  
Banaskantha District Co-Operative Producer's Union Ltd.,  
Bio-Fuel Research and Development,  
Indo German Tools,  
J. H. Engineering Works,  
Neptune Industries,  
Sandvik Asia Pvt. Ltd.

### Computer Engineering

Rishubh Infotech,  
Regional Telecom Training Center,  
BSNL,  
Web Revolution,  
Safal Infotech  
Novetrise Technologies

### E & C Engineering

Hitachi Hi-Rel Power Electronics Pvt. Ltd.,  
TATA Tele Communication Service Ltd.,  
Ericsson India Global Services Pvt. Ltd.,  
Anchor Electronics Pvt. Ltd.,  
BSNL Tele Communication,  
PCS Technology Pvt. Ltd.,  
Truemake NIDC Estate,  
Amtech Electronics,  
Jayant Circuit,  
Ocleq Control,  
Sigma Trainers and Kits,  
NICIT,  
EQDC



No.	Training Time	Branch	Sem	No. of Students	No. of Industries	Total Grant Paid By Institute (₹)
1	Dec.-2011	Civil	5 <sup>th</sup>	31	4	1,25,000/-
2	June-2012	Civil	6 <sup>th</sup>	28	7	1,40,000/-
3	May-2012	Mech	6 <sup>th</sup>	45	18	1,12,500/-
4	May-2012	EC	6 <sup>th</sup>	24	13	54,900/-
5	May-2012	Comp.	6 <sup>th</sup>	47	5	1,17,500/-





## Student Clubs & Companies

The institute takes a number of efforts to groom the students in a balanced and effective manner. In order to fulfill this objective different student clubs and companies are formed in the college. The activities carried out by these clubs and companies help to enhance the ability in students to develop, execute and handle the real time professional projects and social events. These clubs and companies are of the students, by the students and for the students. Apart from various positions held by the students, faculty mentors are also there to supervise the activities of these groups.

### Clubs

Four different clubs are formed to make the students technically, morally, culturally and socially responsible citizen. The four different clubs and their major activities are given below :



#### "Ayaam Club" - Career Club

The objective of this club is to provide an opportunity to the students to develop an interest about the various possible future vistas in their respective area and make them able to study and represent their ideas about the new topics through seminars, workshops, expert lecture series etc.

**Mentor :** Prof. Piyush P. Patel (EC)  
Prof. Manoj Rajpara (ME)

**President :** Kruparth Patel (6<sup>th</sup> Civil)  
Himalay H. Patel (8<sup>th</sup> CE)  
Ankita Patel (8<sup>th</sup> EC)  
Jay V. Vyas (6<sup>th</sup> EC)  
Jigar Patel (6<sup>th</sup> ME)

**Secretary :** Nikunaj J. Solanki (8<sup>th</sup> CE)  
Vidhi Patel (8<sup>th</sup> EC)  
Krunal Shrimali (8<sup>th</sup> Civil)  
Nirmal. H. Khamar (8<sup>th</sup> ME)  
Romin Patel (6<sup>th</sup> EC)

## ❖ Expert Lectures

The expert lectures have been frequently organized by this club to enrich the students with the knowledge in their respective subjects and to provide them latest sufficient information related to technical field.



## ❖ Student Seminar

The club also arranges seminars for the students of 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> semester to make them study at their own and simultaneously to develop their presentation skills. Here students choose topics related to their disciplines, prepare presentation and present it. This helps in developing their communication skill and removing stage fear.





## ❖ Teacher's Day

Teacher's Day was celebrated with great enthusiasm on 5<sup>th</sup> September 2012. The whole event of that day was mainly planned and organized by the students of the college. Total 91 students from various semester and branches efficiently performed the task of a teacher. Their performance was being evaluated by the teams of experts comprised by college faculties. Depending on the evaluation-reports of the participant student-faculty, semester wise awards were given to first, second and third position holders.



## “Urja Club” - Sports & Cultural Club



The objective of this club is to encourage the student in field of sports and also to showcase their talent in the form of music, singing, dance, mimicry and skits. They also organize and celebrate other events like annual sports week and cultural night as “Funethnize” and college days etc.

**Mentor :** Prof. Jayshree Patel (Gen)  
Dr. Kanu Desai (Gen)

**President :** Prajapati Pavan (8<sup>th</sup> Civil)  
Naveen Shukla (8<sup>th</sup> Civil)  
Utsavkumar N. Patel (6<sup>th</sup> ME)  
Amitkumar H. Prajapati (6<sup>th</sup> ME)

**Secretary :** Patel Jigar (8<sup>th</sup> Civil)  
Jay Shukla (8<sup>th</sup> Civil)  
Jaydip R. Sodhapamar (6<sup>th</sup> ME)  
Maulik J. Nayi (4<sup>th</sup> ME)



## ❖ "Ramzat" - Navaratri Function

A vibrating Raas-Garba event "Ramzat" is organized every year to mark Navaratri Celebration. The whole college along with its students and staff enjoys the event with great fervor. Last year "Ramzat—2012" was organized on 27<sup>th</sup> October. The objective of the event is to revive the feel of the rich traditional and cultural values among our new generation. Special Awards up to ₹ 5,000 was given to best performers among students and staff.



**2009**



**2010**



**2011**



**2012**





## ❖ “Funethniz” - Cultural Night and Sports Week

Funethniz is the cultural and sports event which is organized in the institute every year. During this event a week long sports activities are organized, where all the students and employees of the college participate with a true sportsman spirit. In the cultural event students show case their talent in music, dance and acting. The whole event rejuvenates the campus life with enthusiasm.

### Cultural Night 2010



### Cultural Night 2011





## Cultural Night 2012



## Sports Week 2010



## Sports Week 2011





## Sports Week 2012



### “Yogdan Club” - Social Accountability Club



The objective of this club is to develop a sense of responsibility to earth, its people and its environment and at the same time to plant the values of humanity and morals in the new upcoming generation and make them accountable citizen of the nation. They organize social events like Blood Donation Camps, Thalassemia Testing Camp, Tree Plantation etc.

**Mentor :** Prof. Tushar J. Patel (ME)  
Prof. Patel Jignesh P (Gen.)

**President :** Bhavik R. Patel (6<sup>th</sup> ME)  
Hardik R. Patel (6<sup>th</sup> ME)  
Raj M. Khatri (4<sup>th</sup> EC)  
Lakshank N. Patel (8<sup>th</sup> EC)  
Hiren Patel (6<sup>th</sup> Civil)

**Secretary :** Chandresh A. Nayi (6<sup>th</sup> ME)  
Chandresh J. Patel (6<sup>th</sup> ME)  
Kinjal M. Prajapati (8<sup>th</sup> EC)  
Raj M. Kothari (6<sup>th</sup> EC)  
Umesh Patel (6<sup>th</sup> Civil)

### ❖ “Samarpan” - Blood Donation Camp

“Samarpan” the Blood Donation Camp is organized on 17<sup>th</sup> of September every year. A large number of college student and staff participate enthusiastically to support this noble cause. Last year, the event was organized in association with the Rotary Club, Visnagar. Total 165 units of blood were donated during the camp. Donor kits were given to the student and staff donors to acknowledge their social support and also to encourage them. Total cost of kits provided by the college management to students and staffs during the event was around ₹ 20,000.



2009



2010



2011



2012



## ❖ Thalassemia Testing 2012

A special camp was organized at college campus on 9<sup>th</sup> October, 2012 for Thalassemia and Hb-count test of all the girl students and the female staffs of the college. The camp was totally free of cost for them. The camp was organized in association with Rotary Club, Visnagar.





## ❖ “Vasundhara” Tree Plantation

“Vasundhara” the Tree Plantation event is organized every year on 15<sup>th</sup> August along with Independence day celebration. The event is held to inculcate the feeling of our responsibility to our environment and nature. Each year it is inaugurated by the respected Chairman Shri Rameshbhai H. Patel, Chairman-SRPEC with planting a sapling in the campus. During “Vasundhara - 2012” around 100 saplings were planted by the staff members and students. The complete event received an enthusiastic support from the whole SRPEC family.

2009



2010



2011



2012



## “Khoj Club” - Discovery Club



The objective of this club is to encourage the students for innovations in technical field by providing necessary guidance and opportunity to showcase their technical creativity. The club also organizes different technical competitions and encourages the college students to participate in such events in other institutes.

**Mentor :** Prof. H. C. Patel (ME)  
Prof. Sacheen B. Patel (EC)

**President :** Umesh Patel (6<sup>th</sup> Civil)

**Secretary :** Hiren Patel Civil (6<sup>th</sup> Civil)



## ❖ Technical Competitions & Events

The Institute provides whole technical support like transportation and required funding for participation of the college students in various technical competitions organized at other institutes.

### Model Competition “Yuva Yantriks-2012”, Ahmedabad

Students from 6<sup>th</sup> and 8<sup>th</sup> semester of Civil department along with supervising faculty Prof. Harshad Patel, participated in the “ The First National Innovation Competition of Young Technologists—YuvaYantriks”, on 5<sup>th</sup> April 2012, at IIM – Ahmedabad.



Entries from various engineering colleges and technical institutes were short-listed from all over the county. SRPEC was among the only three engineering colleges in Gujarat, which got selected to participate and present their ideas during the competition. The participating students presented four different working models based on their innovative ideas.



**College students with their models at IIM-A during “Yuva-Yantrik Competition”**

Four different working models were presented during the competition, viz.

1. Computerized Security System, Rakshitalayam—Safe Home. It is a combined system to protect the home automatically from Fire and Theft.
2. Auto Missile—Launcher, Vajra Missile. In this model the launching process is done using Robotics
3. A Seismograph. A device developed with simple materials to record earthquake and ground motion in a particular direction as a function of time.





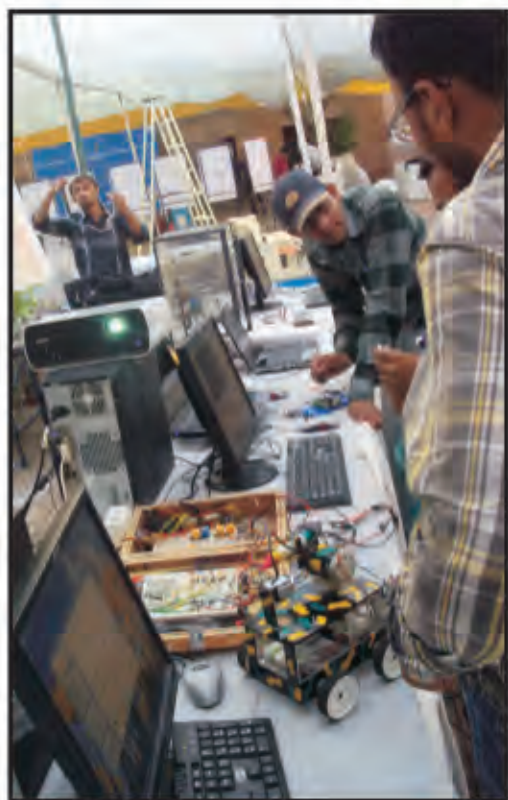
4. Automatic Rain Measurement– A highly précised Tipping Bucket Rain Gauge was developed.

All the above models were designed by the following participant students :

Patel Sanket, Patel Anant, Patel Hiren, Patel Mayank, Patel Satish, Patel Umesh of 6<sup>th</sup> semester and Patel Brijesh and Patel Vaibhav of 8<sup>th</sup> semester.

### The Technical Event —“Frolic 2012”, Rajkot

Students from civil department of Smt. S. R. Patel Engineering College (SRPEC) Dabhi, Unjha along with supervising faculty Prof. Harshad Patel participated in the “ Frolic 2012– Technical Event”, during 31<sup>st</sup> August to 2<sup>nd</sup> September 2012, at Darshan Engineering College– Rajkot.



Entries from total 22 engineering colleges and technical institutes participated during the event. The participating students presented five different working models based on their innovative ideas. Along with the four models presented in “YuvaYantriks 2012’ a model of Agricultural Robo was also presented. The Rain Measurement Model was awarded the Second Prize and Computerised Security System, Rakshitalayam received the Third Prize. The same students who participated in “Yuva Yantriks 2012” had joined this event.



**College participants with their models and being honored with awards during “Frolick-2012” at Rajkot**



## Companies

In each department a company has been formed with students taking up the role of Board of Directors, CEO, Production Manager and Marketing Manager. They have to search new projects and outline the strategies and execute the taken up projects efficiently. All the activities organized by these companies aim to provide a professional exposure to the students so that they can learn and inculcate in themselves the required qualities to perform efficiently in their future professions effectively. The different companies are :

### Civil - "Civengers"



<b>CEO-</b>	Mr. Vaibhav B. Patel	(4 <sup>th</sup> Sem)
<b>Production Manager-</b>	Mr. Mayank A. Patel	(8 <sup>th</sup> Sem)
	Mr. Neel N. Patel	(6 <sup>th</sup> Sem)
<b>Marketing Manager-</b>	Mr. Karan A. Patel	(6 <sup>th</sup> Sem)
	Mr. Parth Mewada	(6 <sup>th</sup> Sem)
<b>Company Secretary -</b>	Mr. Rohit Sheron	(2 <sup>nd</sup> Sem)

### CE - "Cyber Space"



<b>CEO-</b>	Mr. Jay P. Patel	(6 <sup>th</sup> Sem)
<b>Production Manager -</b>	Mr. Saurabh Patel	(6 <sup>th</sup> Sem)
	Mr. Gaurav Patel	(4 <sup>th</sup> Sem)
<b>Marketing Manager -</b>	Mr. Hemang Shukla	(6 <sup>th</sup> Sem)
	Miss. Dhruvi Patel	(2 <sup>nd</sup> Sem)
<b>Company Secretary -</b>	Mr. Ginal Patel	(6 <sup>th</sup> Sem)
	Mr. Narendra Prajapati	(6 <sup>th</sup> Sem)
	Miss. Richa Panchasara	(6 <sup>th</sup> Sem)

### EC - "Electron"



<b>CEO-</b>	Mr. Kalpik Patel	(8 <sup>th</sup> Sem)
<b>Production Manager -</b>	Mr. Pradip J. Goswami	(8 <sup>th</sup> Sem)
	Miss. Kinjal M. Prajapati	(8 <sup>th</sup> Sem)
<b>Marketing Manager -</b>	Mr. Jaydeep G. Sathwara	(8 <sup>th</sup> Sem)
	Mr. Parth Dave	(6 <sup>th</sup> Sem)
<b>Company Secretary -</b>	Mr. Jay V. Vyas	(6 <sup>th</sup> Sem)



## ME - "Mechnotech"



<b>CEO -</b>	Mr. Harshil M. Patel	(8 <sup>th</sup> Sem)
<b>Production Manager -</b>	Mr. Nishit A. Brahmhatt	(8 <sup>th</sup> Sem)
	Mr. Bhavik R. Patel	(8 <sup>th</sup> Sem)
<b>Marketing Manager -</b>	Mr. Karpit B. Patel	(8 <sup>th</sup> Sem)
	Mr. Sandip M. Prajapati	(8 <sup>th</sup> Sem)
<b>Company Secretary -</b>	Mr. Hussain V. Rifaquat	(8 <sup>th</sup> Sem)

The major events organized by companies are :

### ❖ "Prakrust" Technical Symposium

It aims to develop technical awareness about the recent trend in areas of science and technology. This National Level Technical Symposium is organized each year since 2011. The symposium is jointly organized by all the companies of different departments, "Aayam" – career club and "Khoj" – discovery club. During this event students of different colleges participate in various technical events, paper and model presentations and other competitions. Expert lectures on recent trends are also organized. Awards are given to best performers at the end of the event.

### ❖ Workshops

Along with the regular classes and laboratory work, workshops are organized for the benefit of students and Faculties of various departments. These workshops are arranged and handled by companies of respective departments and totally funded by the college management. They are meant for providing an exposure and hands on of the cut-edge technologies prevailing in various areas of engineering.

#### Embedded System Workshop

Electronics & Communication Engineering Department of the college had organized two days work shop on "Embedded System" on 12<sup>th</sup> and 13<sup>th</sup> October 2012. The workshop was aimed to ignite the students to know about the embedded system. Almost 73 students and 12 faculties from various Engineering colleges affiliated to GTU have participated in the workshop. Dr. Rahul Dubey,

Associate Professor, DAICT, Gandhinagar was invited as an expert during this workshop.





## Total Station Workshop



This workshop was organized during 30<sup>th</sup> March to 1<sup>st</sup> April to bring together survey authorities from outside the institute to illustrate working principle, applications and how to use total station in field of civil engineering and suggest ways to determine the necessary considerations while using total station on field. A total station is a fundamental tool for exploring the site and accurate determination of essential parameters for proper combination of the measurements.

The original motivation for the workshop was to provide hands on practice to students of civil engineering along with faculty members.

## Android Workshop

Computer Engineering Department of the College had organized two days workshop on "Android Live Application Development" on 5th and 6th October 2012. The workshop was aimed to persuade the students to take up mobile application development using Android environment. Almost 87 students and 15 faculties from various Engineering colleges affiliated to GTU have participated in the workshop. Mr. Ritesh Ambastha, CEO of iWillStudy.com guided the participants for the same.





## Artistic Creations

### અમુલ્ય બાળપણ

મિત્રો આજની ભાગ-

છેડવાળી જિંદગીમાં આપણને બાળપણમાં જે મસ્તી કસવાની મજા આવતી હતી તે આજે કોલેજમાં તો નથી જ આવતી .

- ⇒ બાળપણ વિષે તો ઘણા કવિઓ અને સાહિત્ય કાલેએ પુસ્તક રચ્યાં છે . કહેવાય છે કે બચપણ તો પ્રભુની દેન છે . તો ચાલો થોડા વર્ષો પહેલા ભૂલાઈ ગયેલા બાળપણને ફરીથી એકવાર યાદ કરીએ .
- ⇒ મનમાં એક પ્રશ્ન ઉદભવે છે કે ફરીથી આજે બાળ પણ ના દિવસો માણવા મળે તો ... ?  
કળીયુગમાં ભાગ્યે જ ભગવાન પ્રસન્ન થાય છે અને કંઈક માગવાનું કહેતો હું તો બાળપણ જ માંગુ અને તમે ..... ?
- ⇒ શાળાએથી આવીને શાળાનો ગણવેશ બદલ્યા વિના મિત્રો સાથે લખોટી , ભમરડા , છાપો રમવા જવું છે જ્યારે આજે તો મોબઈલમાં ચેટીંગ અને ફેસબુકમાં જ સમય પસાર થઈ જાય છે . સાચુંને મિત્રો ...
- ⇒ બાળપણની યાદ અપાવતાં એક સાહિત્યકારે કહ્યું છે કે.....  
મારે ફરીથી એકવાર શાળાએ જવું છે , ઘડતા જઈને માસી સેજની બાંકડી એ બેસવું છે .  
સેજ સવારે ઊંચા અવાજે સમ્પૂર્ણ ગાવું છે ,  
નવીનવી નોટ બુકની સુગંધ લેતાં પહેલા પાને સુંદર અક્ષરે માલું નામ લખવું છે ,  
મારે ફરીથી એકવાર શાળાએ જવું છે .
- ⇒ આજે મોંઘા બ્રાન્ડેડ કંપનીના વસ્ત્રો પહેલ્યા કરતાં એ શાળાના ગણવેશનું ટુંકું પાર્લુન પહેવાની મજા પડતી . એશાર્ટમાં મગ્મી એ બક્કલ બીડીને રુમાલ ગોઠવ્યો હોય ,  
ગળામાં વોટરબેગ અને બુટમાંથી અંગૂઠો બહાર લબાઢીયાં કરતો હોય , હેડેવા લહેર હતાં ,
- ⇒ શેષ પડતાં જ વોટરબેગ હેઠી નળ નીચે હથ ઘસી પાણી પીવું છે , જેમ-તેમલંચબોક્ષ પુરુ કરી મસ્ત્યુ-મોંઘુ ભભસવેલ આંબલી , બોર , જામરુળ , જમરુળ , કાકડી ખાવું છે .
- ⇒ આજે ક્રિકેટની ક્રિક સાથે ક્રિકેટ રમવા કરતાં સાયકલના પૈડાને સ્ટમ્પ બનાવી ક્રિકેટ રમવું છે ,  
થોડ બંધ રજાઓની મજા કરતાં શાળાએ એક દિવસની રજામાં મજા હતી તે આ જેનાથી મળતી અને વિચારે તો જુઓ કેવા હતાં ?
- ⇒ કાલે વરસાદ પડી જાય તો બિશાળમાં રજા મળી જાય એવા વિચારે કરતાં કરતાં આજે સુઈ જવું છે .  
મિત્રો અને અપેક્ષિત રજાના આનંદ માટે માટે આજે ફરીથી એકવાર શાળાએ જવું છે .
- ⇒ આજે બાઈક ગાડી લઈને કોલેજથી ઘરે પાછા કરતાં શાળા છૂટ્યા બાદ જામેલી ભીડમાં સાયકલ લઈને જવાની મજા હતી તે આજે હયાત નથી .  
યાદ આવે છે કે છૂટવાનો ઘંટ વાગતાની સહ જોતા મિત્રો સાથે ગપ્પાં મારવા બેસવું છે .  
ઘંટ વાગતાં જ મિત્રોનું ડુંડાળું કરીને સાયકલની રેસ લગાવતાં ઘરે પહોંચી જવું છે .
- ⇒ આજે બિનબસ બંક મારવા કરતાં રમત ગમતના પીસીચડમાં તારની વાડમાં ના બેતાર વચ્ચેથી સરઢી બહાર ભાગી જવાની મજા આવતી હતી તે આજે નથી આવતી . ભાગી જવાની મોજ અનુભવવા આજે ફરીથી એકવાર શાળાએ જવું છે .  
આ રમતુઓ યાદ કરતાં યાદ આવે છે કે , દિવાળીના વેકેશનની સહ જોતાં છમાસિક પસીકાનો અભ્યાસ કરવો છે ,  
દિવસભર મંદિર ભાગ બનાવી પગથી તોડીને હથ ઘોચા વિના ફાળની થાળી પરજા પટવું છે .



- ⇒ આજે દિવાળીમાં કેટલાય શુધિયા ખર્ચા બાદ જેમો જ મજા નથી માણી શકતા એ બાળપણના એક અંશ યાદ કરતાં થાય છે કે સત્રે બધા જ ફટકડા ક્ષેત્રે તેમાંથી જ ફૂટેલા ફટકડા સવારે શોધતા ફરવું છે.  
વેકેશન પત્યા પછી બધી ગમ્મતો છેસ્તોને કહેવા માટે એકવાર ફરીથી શાળાએ નવું છે ને ?
- ⇒ આજના ગૂંચવાતાભર્યા સમય અને જવાબદારીઓમાંથી વહન કરતાં કરતાં બાળપણમાં ક્ષેત્રો છેસ્તાની જેમમજા આવતી હતી એ આજે ગૂંચમાં નથી આવતી.
- ⇒ પસીક્ષા લીસીપ્ટ માટે ઘડકા મુકકી કરતાં લાઈનમાં ઉભા રહેવા કરતાં મિત્રો સાથે સર્કસ કે જાદુગરનો શો માણવાની જે મજા આવતી હતી તે આજે મલ્ટીપ્લેક્ષ થીએટરમાં નથી આવતી.  
આ અંશ યાદ કરતાં યાદ આવે છે કે કેટલીયે ભાર ભારી જવાબદારીઓના બોજ કરતાં પીઠ ઉપર દફતરનો બોજ લગાડવો છે. ગમ્મે તેવી ગરમીમાં એસ-કન્ડીશનર કલાસરૂમકરતાં પંખા વિનાના વર્ગમાં બાસી ખોલી માટે બેસવું છે.
- ⇒ કેટલીયે તૂટ ફૂટ વચ્ચે ઓફિસની આસમઘચક ખુરશી કરતાં બેની બાંકડી પર ત્રણ છેસ્તોએ સાથે બેસવું છે.  
નાનો હતો ત્યારે મોટો થવું હતું આજે જ્યારે મોટો થયો ત્યારે સમજાય છે કે તૂટેલા સ્વપ્નો અને અઘૂસે લાગણીઓ કરતાં તૂટેલા સમકડાં અને અઘૂસ હેમવર્મ સાસં હતાં.
- ⇒ લાગે છે કે ફક્ત મને જ નહીં આપણો બધાએ ફરીથી શાળાએ જવું છે.

## પરિવાર એટલે શું ?

બંધારણના હેય પણ વ્યવસ્થા હેય,  
સૂચન ના હેય પણ સમજણ હેય,  
કચઘેના હેય પણ અનુશાસન હેય,  
ભયના હેય પણ ભસેસો હેય,  
શોષણના હેય પણ યોષણ હેય,  
આગ્રહના હેય પણ આદર હેય,  
સંપર્કના હેય પણ સંબંધ હેય,  
અર્પણના હેય પણ સમર્પણ હેય,  
“ એ જ સાચો પરિવાર ”



**Prajapati Sachin**  
6<sup>th</sup> ME



## જીવનમાં

જીવનમાં જમવાની ઈચ્છા થાય તો,  
પોતાનું જીવન જામુજો ...

જીવનમાં ઘન આપવાની ઈચ્છા થાય તો,  
સુપાત્રને ઘન આપજો ...

જીવનમાં શરણું લેવાનું મન થાય તો,  
સદ્ગુરુનું શરણું લેજો ...

જીવનમાં કંઈક આપવાની ઈચ્છા થાય તો,  
ભૂલ કરનારને ક્ષમા આપજો ...

જીવનમાં કોઈની જોડેથી લેવાની ઈચ્છા થાય તો,  
સારા સદ્ગુણો લેજો ...

જીવનમાં કંઈ ખાવાની ઈચ્છા થાય તોપ  
ગમ અને મગ ખાજો ...

જીવનમાં કંઈ ફેકી દેવાની ઈચ્છા થાય તો,  
તમારા કુર્સકાર ફેકજો ...

જીવનમાં કંઈ પાળવાની ઈચ્છા થાય તો,  
સદ્ગુણ વચનો પાળજો ...

જીવનમાં કંઈ પીવાની ઈચ્છા થાય તો,  
પોતાનો અહંકાર પીજો ...

જીવનમાં કંઈ બોલવાની ઈચ્છા થાય તો,  
સત્ય વચનો બોલજો ...

જીવનમાં કોઈ મનોમંપથ કરવાની ઈચ્છા થાય તો,  
ઈશ્વરનું (ભગવાન) નું કરજો ...

જીવનમાં કંઈ ભેગું કરવાની ઈચ્છા થાય તો,  
સારા સંસ્કાર ભેગા કરજો ...

જીવનમાં કોઈથી દૂર રહેવાની ઈચ્છા થાય તો,  
પરસ્પરીથી દૂર રહેજો ...

જીવવાની જીવવાની ઈચ્છા થાય તો,  
બીજાની ભલાઈ માટે જીવી જામુજો ...



**Dave Harsh**  
6<sup>th</sup> ME



## “SADDA ADDA” “YAROO KA ADDA”



### “The undefined fun spiced up with the moment of Love”

In not more than few days, this college will become a part of the memory of the students graduating with flying colours this year. After few years this will be the article to travel back in time. For this I have picked up a COCKTAIL OF CLASS & few spot of our college which will bear the memories of our college life.

We remember when we were Kidzzz we innocently asked ourselves “When will I grow up !!!! we wont even come to know that how we grew up.” With the passage of time we all are now “18+” ...!!! i.e. we all Caterpillars turned to Butterflies.... independent, strong & being able to do all the things on our own for which we were restricted.....

**ID-09CE05 BE BATCH 2009 mah IDCARD.** Every day I feel the same excitement (once due to some over excitement I got punished for the 1<sup>st</sup> time & got a step to admin office...)

Time flies, I can still recall 20<sup>th</sup> July 2009 when the Orientation day was held and we officially kick started the 1<sup>st</sup> sem. with cheers to fruitful days ahead & finally fast forwarded to 8<sup>th</sup> sem and we all are getting close to the 30<sup>th</sup> April 2013. But I can proudly look back at the journey of miraculous days @ SRPEC.

Things change & so do people; but what remain forever are a bunch of those “NAUTANKI”, “MISCHIEVOUS”, “JOKER”, “IDIOTS” etc\_ \_etc... friends who somehow remain enlightened for life..and well of course; if you are among those lucky lads, you even come across your Love while you are still trying to cramp & remember that C & JAVA programs !!! The undefined fun, spiced up with moments of Love (Just as cocktail of love & fun of class & campus) & set of friends as they live their best days @ SRPEC miraculous 4 years...



“Bhai wake up.....!!!!” lec. is going on... Aap samaj higyae hongee me kiski baat kar raha hu... Yup its Himalay, yawns continued to haunt him and he was the guy always used to sit @ 1<sup>st</sup> bench & show his watch for the last 10 mins. of lecs. to “First Row First Bench”..yeahhh...!!! exactly Beena & Khushbu(Ashwin always use to say class ki shaan). How can we forget “The goddess of Engineering of our class” Dhara (Master copy 4 boyz...), till now student store ka Xerox machine sabse zyada use hua hai dat is from the Notes & Assignments of Dhara. & little moving from the 1<sup>st</sup> bench the great gang of Patan...Lady Don-bhulse bhi panga mat lena(Anjali(rotlu),Komal,Nidhi(OMG...!!!),Priyanka).Anjali almost cry in all vivas so main bar bar bach jata tha as our roll calls are side by side...& Nidhi “D LOUD SHOUT” no one can beat her...This iz the only group to support boyzzz in making funny sounds in lecs. & all dat blah blah...Now tik tok tik going to Keval,Ashwin & Siddharth...Keval ki wo funny commentsaur jab frustration nikalni ho tab visit to Ashwin's bench bcoz waha hamesha ki tarah PHILOSOPHY class chalti hai...and Siddharth jiski nazar board se jyda.(samaj bhi lo yaroo (:P)) also all dat maturity of Bhavesh teaches us a lot..yaa...!!! Our 3 musketeers (Disha,Ankita,Herbi) They are the drama Queens... also the ‘fix six galzzz’—Darshana,Trupti,Bhavya,Shloka,Kruti & Unnati...Darshana & Trupti share one of the strongest bond in SRPEC, Bhavya & Shloka(The Sajda Sisters) alwayzzz seems like looking LONDON & talking TOKYO, Kruti (college ki Google)\_ \_Lolzzz :p...Remember Wo Palak aur Janki ke funny drawings...It wazzz so fun...from since a long time ink is waiting for LLB(Lord Of Last Bench) all faculties use to call us “The Balcony Group”.We alwazz use to make funny sound,throw papers,passing nuts...We all crazy buddies and all that fun filled adventures going on...Finally “LAL SALAM” to balcony group...& How can I forget the guyz who got year back or getting blocks, friends life is going to test u with unforeseen. “When you are hit, it doesn't mean that you need to run away or accept defeat ,it simply means you need to get up for the next round & hit him back..

Guyz who are unseen here in article are the silent corners of our class...

As said –“Wo Dosti Wo Pyaar

Yaad Ayenge BAAR BAAR”

Now beyond the class Down the Memory Lane...Wroooooooooooooomm\_\_!!! Heart beats pumping so hard all are running from gate to stairs & then to class...just as “Bhag Bhag D.K bose...for the 1<sup>st</sup> lec.Because all buzzziee bees afraid to enter late...

College life is pretty fun & interesting.Finally I am going to begin with a center foyer...



**Center foyer**:-The most visited place on this campus. No matter wherever we are, we always end up @ this place.This is the hub of all the things & when we come to know the Attendance list aur Midsem result,almost after every min. we check are the list out."Are mera no. dekh, uska no. dekh,shit mere marks rem aa gai yaar."Those smile & joys of passing while those moments when u know u just failed for few marks or less attendance problem.All those thing will just bring tears along with a smile on a face with the words "I miss mah college dayzzz".

**Auditorium Hall**:-Its the place we will never forget. Coz this is the place which marked our relation with SRPEC.When our admission is confirmed. Ooooot..All the back sitters comments & gawking @ crappy speeches and all that stopless claps.We will alwyz miss while progressing further in our life.

**Garden**:-We do have nature lovers in college who prefer passing their free time in the garden than in the canteen.Garden with its wet fresh grass and cool ambience,sharing their heart with their pals & dat delicious lunch in garden with leg crossed. Its a center of attraction during 'Prakrust' & 'Group Day'.We will surely miss the charm of SRPEC garden memories & gossips.

**Student Store**:-After classroom, if there is a spot where students find equal academics then it's the Rakeshbhai's student store...All of us rush to the store as the handout or assignments are out...Itz really very crazy that they know our syllabus better than us...Will miss that crowd alot...

**Library**:- As soon as we enter we feel so different.The atmosphere is really calm...Itz a good place to relax,study & may be to sleep (:p) and to put your mind on mess for choosing books...We will miss that silent Zone of our college...

**Classroom & Lecs**:- Tears rolling down the cheeks because these colorful blue,black,red,green,pink bench are going to leave each other soon.All that shouts of funny names,heart racing,palm sweating,clothes & hair look unusual & entering the class in exam(:p) & laughing by seeing eachother..Now the lectures, they are cool,may be strict,may be fun or some are of gamers wish life could just rewind,lets laugh, play & rejoice on that same benches again... But the only way is to carry on & let the time we had together be memories...

**Canteen**:-Hamare yarro ka SUBWAY,BASKIN& ROBINS,DOMINOS.We use to complete our E.G sketches with friends, lab manuals, assignments...We see colour of friendship @ 'Birthday hoots'...From start to end still our crunchy samosa are on race...I am sure we will surely miss the sweet memories of the SRPEC canteen in our offices canteen someday...



Gonna miss this 'Sadda Adda Yarro Ka Adda'.

Hey Guyzzz...We all know our 1<sup>st</sup> phase is going to complete & the next journey is about to start...So friends a little message to you all "Never be serious but be sincere"

As Amir khan says in Rang De Basanti

"College de gate de iss taraf hum life ko nachate hai, Aur  
college de gate de duji taraf life hum ko nachati hai"

So guyz...last but not least wo pocket money ka tension, hamesha late latifi in works, proxyzz ka pakda jana, wo princy ki cabin meh pehle tu ja-tu ja karna,dat crazy treats, hilarious nights, chup chup ke lec. meh sona, wo 2<sup>nd</sup> break ki chai,short term crushes, fun filled adventures, snapshots lete rehna, rehearsals, lobby lanes peh baithna, wo id card ka tension, corridors meh ghumna, wo loads of jokes, wo bat bat peh comments pass karna,wo lucky groups ke sath movies ka maza lena,wo ruthna-manana,wo bina bat ke ladna - -Wo dosti Wo pyar - -Yaad ayenge baar baar...

Choti Choti baatein reh jati hai

reh jati hai toh sirf.....

"Yaadein".

This was a memory about my life @ SRPEC.Hope you like this piece of sharing...!!—zzzzzzz— going to sign off now\_\_(:p)



**Desai Aalap D.**  
8<sup>th</sup> CE

## MY FRIEND

Should be my medicine, When I m in Pain.

Should be my life, When I die

Should be my handkerchief, When I cry

Should be my happiness, When I m in sorrow

Should be my concentration, When I m in work

Should be my support, When I m in difficulty

Will I get such a friend, If you do, you are lucky.



**Patel Gaurav**  
4<sup>th</sup> CE



## Curves & Strokes



Patel Prashant  
8<sup>th</sup> Civil





## *Feel the Anthem...*

We all have been brought-up, since our school days reciting our National Anthem and we still sing it at every special occasion to reiterate the glory of our nation and its people. ... At this juncture let me ask you a very simple question... How you feel while singing our National Anthem "Jana Gana Mana Adhinayaka Jaya Hey"? Well of course... we all feel proud and elated while reciting it... there is no doubt about it... but on the second thought whom we are calling the "Bharat Bhagya Vidhata" the controller of the destiny of our nation?... Which is that authority whose blessing is sought by all the various provinces, the rivers, the mighty mountain ranges, the surrounding and splashing oceans, at each and every moment? What is that power whose victory is always sung by the whole country?

Well.... THAT POWER IS "WE".... "THE INVINCIBLE INDIANS".... It's YOU and ME.... That supreme authority has always been residing in us.... We are the one who decide the destiny of our Nation... BHARAT BHAGYA VIDHATA... It has been the people of our country who took each and every pain to sustain the diversified richness of our country... It was our people who fought day and night and won the battle of independence and other injustice, whose victory we all rejoice... So we should remember that the ultimate lordship to whom we pray for the betterment of our nation is nowhere else, but it's in me and it's in you.... and hence we should do our best to serve the nation and be the "Jana Gana Mangaldaayak".....

Jaya Hey...Jaya Hey... Jaya Hey... Jaya, Jaya, Jaya..... Jaya Hey...."



**Bijoy Roy**  
Asst. Prof. (Physics)



## College Events in News....

10 વર્ષના અનુભવ સાથે  
10 મે સુધીની કામગીરી

**એનિ. કોલેજ, ડાભી ખાતે નેશનલ કોન્ફરન્સ યોજાઈ**  
શ્રીમતી એસ.આર.પટેલ એનજી.કોલેજ ડાભી ખાતે વિજ્ઞાન અને ટેકનોલોજીના આ યુગમાં શોષ-સશોષનને વેગ મળે એ હેતુથી ટેકનોલોજી, પોસ્ટ ગ્રેજ્યુએટ વિદ્યાર્થીઓ, એન્જિનિયરિંગ શિક્ષકો અને ઉદ્યોગો સાથે સંકળાયેલી વ્યક્તિઓને સાંકળતી એક નેશનલ કોન્ફરન્સ-૨૦૧૭ ડાભી ખાતે યોજાઈ હતી. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**ડાભી કોલેજના છાત્રોનો રોટેશન ડ્રિજ આકર્ષણનું કેન્દ્ર બન્યો**

**સાંસ્કૃતિક ટેકનીકલ સિમ્પોઝિયમનું આયોજન**  
સાંસ્કૃતિક ટેકનીકલ સિમ્પોઝિયમનું આયોજન ડાભી ખાતે એનજી.કોલેજમાં યોજાયેલું હતું. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**દિવાલાસર**  
રોસ.આર.પટેલ એનજી.કોલેજ દ્વારા યોજાયેલું હતું. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**સાંસ્કૃતિક ટેકનીકલ સિમ્પોઝિયમનું આયોજન**  
સાંસ્કૃતિક ટેકનીકલ સિમ્પોઝિયમનું આયોજન ડાભી ખાતે એનજી.કોલેજમાં યોજાયેલું હતું. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**એન્જિનિયરિંગ કોલેજ ડાભીમાં રક્તદાન કેમ્પ યોજવામાં આવ્યો**  
એન્જિનિયરિંગ કોલેજ ડાભીમાં રક્તદાન કેમ્પ યોજવામાં આવ્યો. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**એનિ. કોલેજના ૨૦૧૭ના વર્ષના અંતમાં**  
એનિ. કોલેજના ૨૦૧૭ના વર્ષના અંતમાં એનજી.કોલેજ ડાભી ખાતે એનજી.કોલેજમાં યોજાયેલું હતું. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

**શ્રીમતી એસ.આર.પટેલ એન્જીનીયરિંગ કોલેજમાં દ્વિતિય રાષ્ટ્રીય કક્ષાના ટેકનીકલ સિમ્પોઝિયમ પ્રકૃષ્ટ-૨૦૧૭ નું આયોજન**  
શ્રીમતી એસ.આર.પટેલ એન્જીનીયરિંગ કોલેજમાં દ્વિતિય રાષ્ટ્રીય કક્ષાના ટેકનીકલ સિમ્પોઝિયમ પ્રકૃષ્ટ-૨૦૧૭ નું આયોજન ડાભી ખાતે એનજી.કોલેજમાં યોજાયેલું હતું. આ પ્રસંગે ગુજરાતના એડવાર્ટીસર ડૉ.નરોત્તમ સાહુ, એડીપીસી મેમ્બર લેક્ટર ડૉ.એન.એલ.ડી.કોલેજના પ્રિ.પ્રો.એમ.એન.પટેલ, અધ્યક્ષ પરીષદ, સત્યેન્દ્રકુમાર ગુપ્તા જેના તજજ્ઞો અને દરેક ભેતના નિષ્ણાનોએ ટેકનોલોજી વિશે વક્તવ્યો પ્રસ્તાવી

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- Mr. Nikhil Patel (Admin)



## Industrial Collaborations

SRPEC is making constant efforts for placement of final year students and working in the same line Memorandum of Understanding (MOU) was signed between Smt. S. R. Patel Engineering College and various well-known industries and consultancies of the state treated as COMPANY. The main objective of MOU is to establish a prolific bond between the same in a symbiotic environment. Hence the objectives are

To promote interaction between SRPEC and COMPANY in mutually beneficial areas.

To provide a formal basis for initiating interaction between SRPEC and COMPANY.

The points which are addressed at the time of collaboration are :

- Scheduling interviews for the recruitment in the company
- Sponsoring student projects / fellowships in four year degree programs at SRPEC.
- Sponsoring R&D projects, which may be carried out wholly at SRPEC or at premises of COMPANY or partly at SRPEC and partly at COMPANY.
- Training of COMPANY personnel through Continuing Education Programs conducted by SRPEC in areas of interest to COMPANY.
- Guiding the students in their technical field through expert lectures arranged in SRPEC premises.
- Any other appropriate mode of interaction agreed upon between SRPEC and COMPANY.

Depending upon the COMPANY nature i.e. industry, consultancy or R&D organization, all or some of the above points were agreed upon as per relevance.

### MOU Signed with....



Civil / Structural



Rajkamal Builders Infrastructures Pvt. Ltd.

