



The Annual Magazine

Rahe'in

path to glory

3RD EDITION

A. Y. Dadabhai Technical Institute

Managed by :

The Suratee Sunni Vohra Muslim Education Society, Surat.

Kosamba - Mahuvej Road, Kosamba-394120. (Guj.) Dist. Surat.

Ph.: (02629) 235951,51 - Fax : 02629-235955

E-mail : aydtech@yahoo.com • Website : www.aydadabhaitech.org



A.Y. DADABHAI TECHNICAL INSTITUTE, KOSAMBA

UDAAN

Houslon ki...

WOMEN IN DEVELOPMENT CELL

Inauguration of

"TEJASWINI"

Scholarship

Under the Theme

BETI BACHHAO, BETI PADHAO



For Private Circulation Only



3rd Issue Year : 2014-15



Published by



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Brief Report of the Society for the year 2013-2014

The Suratee Sunni Vohra Muslim Education Society, Surat.

Alhamdulillah, By the grace of Almighty Allah and with the sincere support by our well wishers, Donors and under the superb guidance of our experts co-workers in the fields, we successfully completed the year under report:

This year we disbursed the funds as under:

NO.	DESCRIPTION	NO. OF STUDENTS	AMOUNT OF SCHOLARSHIP
1	PRIMARY SECTION	1474	22,22,950
2	SECONDARY SECTION	551	11,57,850
3	HIGHER SECONDARY & COLLEGE SECTION	428	52,91,660
4	DINIYAT, DARUL ULOOM (INCLUDING GIRLS)	111	1,92,190
5	WIDOWS	731	21,93,000
6	MEDICAL AIDS	100	3,49,293
7	DRIVING, TAILORING FEES & COMPUTER TECHNICAL SCHOLARSHIP	14	39,300
	TOTAL	3409	1,14,46,243

Our main project is A.Y. Dadabhai Technical Institute (Polytechnic) at Kosamba which has already completed seven years successfully. The campus has been developed and the construction of Administrative building is almost completed.

Our Society is also running the residential school at Kondh (Ankleshwar), I.T.I. at Surat (Rampura) and two hostels for boys at the same time we are publishing the news letter (monthly) "Vohra Samachar" regularly.



Any time is tea time.



Dil se piyo... Dil se pilao

MUSAJI TEA



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23	MR. MEHMUD HAIDER VORAJEE	MOTA VARACHHA
24	MR. MOHAMMED ABUBAKER ASHRAFF	RANDER

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GUJARAT

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Pranay Surti

Chief Editor

A.Y.Dadabhai Technical Institute

It is with much joy & anticipation that we celebrate the launch of 3rd edition of "Rahein" path to glory I take this opportunity to thank our authors, editors, head of different committee members and reviewers, all of whom have volunteered to contribute to the success of the magazine.

An effort has been made to cover the information regarding diversified activities. Technical & Non-Technical Articles, faculty & student achievements, which reflects the intentions & potentials of the institute, faculties & students. Rahein path to glory provides Ideal forum for exchange of information on all of the above topics and more in various formats.

Finally, we wish to encourage more contributions from the faculties, students, Industry practitioners to ensure a continued success of the magazine. Authors, reviewers and guest editors are always welcome. we also welcome comments and suggestions that could improve the quality of magazine.

Thank you we hope you will find "Rahein" Path to glory informative.



All correspondence to be addressed to :

The Principal

A.Y. Dadabhai Technical Institute (Polytechnic)
Kosamba-Mahuvej Road, Kosamba-394120. (Guj.)
Dist. Surat.

Phone No. : (02629) 235951,52

Fax : 02629-235955

E-mail : aydtech@yahoo.com

Website : www.aydadabhaitech.org

Opinions and write-ups in this issue are those of contributors. Editorial Board and the Institute assume no responsibilities in any way on this account.

Complementary Messages



Salimbhai F. Patel

(President)

The Suratee Sunni Vohra Muslim
Education Society, Surat.

I whole heartedly congratulate to Members of our A.Y.D. Technical Institute, Kosamba on publication it's 3rd year edition of "Rahein 2015"

Society is keen for Technical and Higher education and community's other necessity and prays Almighty Allah for all kind of success in every fields. Ameen.



M.M. Bhana Patel

(Hon. Gen Secretary)

The Suratee Sunni Vohra Muslim
Education Society, Surat.

I, Congratulate to all Members of our A.Y.D. Technical Institute, Kosamba for publishing it 3rd year edition of "Rahein 2015"

I feel proud on the progress and maintaining it a image as 1st grade in all over South Gujarat.

Remaining overall constructions works are under fast schedule and society is doing it best and appeal for necessary funds.....



M.M. Dalchawal

Principal

A.Y. Dadabhai Technical Institute

After successfully completing the seven years in the field of Technical Education, I am proud full to present the third edition of "Rahein" which will highlights all the activities and development achieved by the institute. Excellent result, all activities related to technical education and total development of student admitted at A.Y. Dadabhai Technical Institute was our dream and thanks to our trustees, staff members and students we able to convert our dream to reality.



Ziyauddin Kazi

(Asst. Secretary)

The Suratee Sunni Vohra Muslim
Education Society, Surat.

On behalf the office bearers and colleagues do hereby heartily congratulate on publication of 3rd edition of "Rahein 2015" by our A.Y.D. Technical Institute, Kosamba.

We wish them every kind of success in their future ambitions.

Complementary Messages



Mr. IQBAL ISMAIL BANGEE
AND FAMILY
Dubai

This message is to convey our heartiest congratulations on completion of seven successful years of AYD Technical College and also on publication of the third annual magazine - Rahein. Now that the College has gained wide experience, I trust that the AYD College will play even greater role in technical education within our Community. I understand that the College has made tremendous progress each year with improvements in students' results. I am sure the Principal with his dedicated and professional staff will set new milestones as the competition in the field of education within our region can only increase.

To all the students, I can say that you are fortunate in studying at a well-equipped modern College with dedicated staff members. It is now up to you make it a success for yourself. I do not like to give a long list of advice as today's youth are much better informed. From our experience and what we have observed globally, we know that the key to success lies in hard work. One proven technique, which can boost your efficiency and performance, is the Time Management: how to balance and allocate time properly between your studies which should take greater part of your time and other personal matters. Nowadays, if you are not organized you can end up wasting undue time on Facebook, internet surfing and video games. I advise you to manage your time on these and related activities efficiently and cautiously.

In 2014, my brother Mehmood Bhai Bangee, Hon. Secretary passed away. He worked relentlessly with others like late Azam Bhai Dadabhoy on establishment and follow up on AYD College. (May Allah bless their souls – Ameen). AYD College was my brother's favorite project. Whenever I was in Surat and when his health was good, he would take me see the College. He encouraged me and other family members to support it. His wish was for the Community's youth to take full advantage of the education offered at this College.

We look forward to continued update from the Principal Mr. Dalchawal and Committee members on activities during 2015.

Complementary Messages



Mohamed Dadabhoy

DUBAI.

To,

All members of Rahein

The Rahein - 2 has all efforts, devotions, bears fruits inserted by you. The suitable words and phrases can not be framed to this quality of work provided in Rahein - 2.

I would like to applaud these efforts and will continue in the years to come even when we are not in this world.

Thanks

Salaams,

Best Wishes to all.



Ahmed Ismail Vawda

Alhamdulillah the institution has progressed well in such a short period.

I have had the great privilege of visiting this wonderful institution three times in the last seven years

I was very impressed with the activities that were scheduled and by the sheer dedication of the principal and his staff.

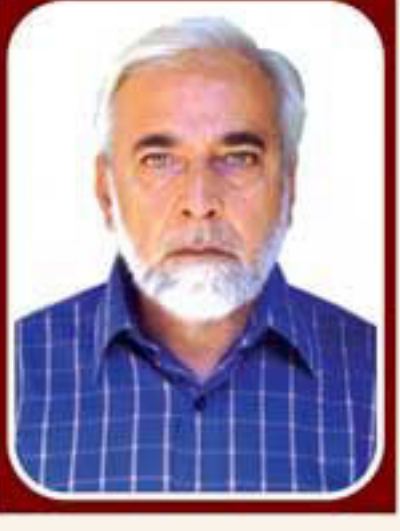
Recently I have come across the news article relating to the invention by some of our students of the "Air conditioning machine" which only consume 10% electricity and would like to take this opportunity to offer my hearty congratulations on this achievement.

Education is a wealth. Without education no community can progress in this competitive world.

This institution is a "Jewel in the crown" for the ssvm education society.

I wish and pray for the continued success and prosperous future for the society and college.

Vassalam.



મહુમ હાજી મેહમુદ ઈસ્માઈલ બાંગી સા.

(માજી. ઓન. સેક્રેટરી)

ધી સુરતી સુન્ની વહોરા મુસ્લિમ
એજ્યુકેશન સોસાયટી, સુરત.

ધી સુરતી સુન્ની વહોરા મુસ્લિમ એજ્યુકેશન સોસાયટી, સુરત. ના ભૂતપૂર્વ સેક્રેટરી જનાબ હાજી મેહમુદ ઈસ્માઈલ બાંગી સાહેબનો ઈન્તેકાલ થયો છે. મહુમ આપણી એ.વારા. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ કોસંબાના સ્થાપનાથી પોતાની જીંદગીના અંત સુધી નિખાલસ દિલથી આ કોલેજની જાન-માલ અને સલાહીયતથી સેવા આપી હતી. અલ્લાહ પાક મહુમની ખિદમતને કબુલ કરે. અને આખિરતમાં એનો બેહતરીન બદલો આપે, અને તેમના કુટુંબીજનોને સબ્રે જમીલ અતા ફરમાવે. આમીન.

From Editorial Board

To,
All Media Conveyors
Respected sir,

On behalf of A.Y. Dadabhai Technical Institute & editorial board of Rahein "Path to Glory" we heartly placed very much thanks for considering & recognizing our effort. Your appreciation gives us new strength & motivate to do more hard work to make success of our 3rd edition.

Thanking you,

Institute Profile

ABOUT INSTITUTE

A.Y.Dadabhai Technical Institute (polytechnic) was established under the aegis of The Suratee Sunni Vohra Muslim Education Society in the year 2007. We aim at continue improvement of all our processes and will strive to provide environment conducive to the pursuit knowledge and over all personality.

The Institute running with intake of 360 students in five diploma engineering courses. The Institute is Approved by All India council of Technical Education (AICTE) New Delhi & Affiliated to Gujarat Technological University, Ahmedabad.

We encourage all to adhere to the highest ethical standards and professional integrity to enhance the satisfaction level of all stake holders.

ACADEMIC PROGRAMMES

No.	Courses Offered	Intake Capacity	Duration
1	Diploma in Civil Engg.	60	3 Yrs.
2	Diploma in Computer Engg.	60	3 Yrs.
3	Diploma in Electrical Engg.	60	3 Yrs.
4	Diploma in Electronics & Com	60	3 Yrs.
5	Diploma in Mechanical Engg.	120	3 Yrs.
	Total	360	

CAMPUS

AYDTI campus is benchmarked as the Best Diploma Engineering college in South Gujarat region spreads over 11 acres with natural green & Educational atmosphere.

OUR STRENGTHS & PHILOSOPHY

Our Real standing as the Best institution in Gujarat.

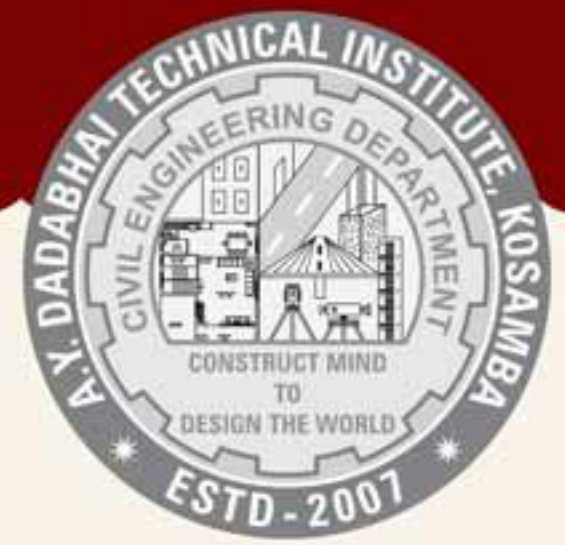
Academic Infrastructure	<ul style="list-style-type: none">- Best Academic facilities- Seminar Halls, conference rooms & interview panel- Biggest Library & Collection of Books, Videos, etc.- Regularly visited by Experts & Senior Officials.
Smart Board Teaching	Latest tools like, PPTS, Videos, Animations are used in the class-rooms to enable practical learning & foster intellectual development of students.
Excellence Award	(1) Best activity award in sankul by the honorable vice chancellor of Gujarat Technological University. (2) Best service to community by the programme stated at institute "The Setu"
Corporate Recruitment Training Program	Corporate Recruitment training delivered through Best experts & Academicians, Training on Latest tools & techniques with latest methodologies.
Student Development cell	Key attributes <ul style="list-style-type: none">- English Learning Modules with scope- Aptitude and Reasoning skill- Soft skills & Entrepreneurship development skills- News paper Reading & Analysis- Technical Training are more compulsory Endeavor each students is reqd. to abreast with Latest Tech. & Innovations

Industrial Alliances	<ul style="list-style-type: none"> - Piramal Glass Industries Ltd. - Brakes India Ltd. - Goldi Green
Teaching Methodology	<ul style="list-style-type: none"> - Use of smart Boards, Videos, Animations case studies & Group discussion. - The students are under go projects & assignments to unite the concept thought in the class-room. - Emphasis on the importance of learning through direct experience, which promotes the development of independent learning. - Continuous efforts are organized to evolve a necessary development.
Faculty Members	<ul style="list-style-type: none"> - Institute has well qualified, experience dynamic & highly dedicated faculties. - The Commitment & Enthusiasm of faculties members are exceptional & as a result of it A.Y.D.T.I. gives hundreds of top class engg. professionals of over the years.
Entrepreneurship Development cell	<ul style="list-style-type: none"> - Set up to promote entrepreneurship spirit amongst the students. - Member of GTU & AICTE cell
Campus Interface	<ul style="list-style-type: none"> - Most Technology Savvy campus. - Campus with unique Technological Inputs.
Rich Library	Rich Library with books, journals, magazines, videos and all e-learning materials & Tools.
Air-cooled seminar Halls	Sophisticated and well designed air cooled seminar halls, fully equipped with latest audio-video electronic devices.
Excellence in Hosting Pool Events	With the supports of magnificent and splendid campus, A.Y.D.T.I. pioneers in hosting pool centralized drives for students.
High Speed Internet Connectivity	24 Hrs. Internet connectivity with dedicated leased lines.
High Tech. class-rooms	Spacious class-rooms with latest technological inputs.
High Impact Departmental Laboratories	Departmental Laboratories are fully equipped with modern equipments, software & tools, including CNC & UTM.
Advance Computer Labs	Fully Air-conditioned, spacious and well equipped with High end computers having latest Pentium processors with 8 Mbps internet speed.
Cafeteria	Elegely furnished cafeteria with wide varieties of snacks, meals & cold drinks for the relaxation time.



Best activity award in
sankul by the honorable
vice chancellor of
Gujarat Technological
University.





Civil Engineering Department 🌈🌈🌈

From H.O.D.'s DESK

“The Road To Success Is Always Under Construction

Get It Right.....Civil Engineers”

It gives me immense pleasure to introduce you at department of Civil Engineering of AYDTI. It is hard to know where to begin to describe all the aspect of the department. The department as a part of institute from 2008. Since that time we have educated engineers who can plan-design-construct-create & become leaders in business, industry & public services.

We are dedicated to providing innovative and high quality opportunities for our students acquire the fundamentals knowledge, skills and attitudes, necessary to success in the field of Civil Engineering.

A part from academic activities, the co-curricular activities, sports, cultural & social activities has been done also for the holistic personality development of students.

As civil engineering could not complete without soil and foundation in the same way these all efforts could not be fulfill without the co ordination of our staff and students.

At this time publishing 3rd edition of Rahein- 2015 . I feel enormous pleasure to say that magazine will be commemorative volume of everlasting merit and it will showcase the inborn the unicorn talents of the students and faculty of institute.

I wish all success for Rahein-2015 and my best wishes to all the students for their future and I would argue upon them to prove as good human beings and worthy citizens of this great nation - **INDIA**.

JAY HIND



Mr. P.A.Patel
I/c HOD Of Civil Engg. Dept.

Vision, Mission and Goals of Department of Civil Engineering :

VISION

To be the fountain-head of new ideas and innovations by seeking highest quality in civil Engineering from India and neighbouring countries.

MISSION

To convey quality education of civil engineering attuned to the needs of the industry with emphasis on practical exposure aided by well equipped laboratories, which in turn feed a vigorous research and development program in addition to creating capabilities for different field of civil engineering.

SHORT TERM GOALS

- To start the need based short term courses like Total Station , Autocad

LONG TERM GOALS

- To be a Center of Excellence in the field of Construction and Planning.
- To start the graduation programs

PROGRAM OUTCOMES (POS)

Civil Engineering is a wide field of engineering .The Course Content for the students of civil engineering. Program includes Construction & Planning Structured Design Estimation, Irrigation engineering, transportation engineering, hydraulic engineering, survey work etc. This all implemented with the AIM to develop Practical application skill to the students.

STRENGTHS OF CIVIL ENGINEERING DEPARTMENT

- Dedicated, competent and Experienced Faculty
- Be able to Attract Students of higher merit
- Well Designed faculty appraisal and Development system
- Open well Defined continuous assessment system for students
- Self- Learning resources for personal development
- Strong counseling and guidance system
- Well equipped laboratories and computing facilities
- Good record of student's Placement

 **BATCH 2011** 

SEM	RANK	ENTOLLMENT NO.	NAME	SPI	YEAR
5 TH	1	116010306004	THUMMAR DENISHKUMAR J.	9.5	Dec-13
		116010306014	PATEL MD.ASFAK ANVAR Y.	9.5	Dec-13
	2	116010306043	BUX ASHIYA ILYASBHAI	8.9	Dec-13
	3	116010306005	LUKHI MANSI NARESHBHAI	8.6	Dec-13
6 TH	1	116010306004	THUMMAR DENISHKUMAR J.	9.48	May-14
	2	116010306001	SHAIKH ALBINA K.	9.45	May-14
	3	116010306014	PATEL MD.ASFAK ANVAR Y.	9.38	May-14

 **BATCH 2012** 

SEM	RANK	ENROLLMENT NO.	NAME	SPI	YEAR
3RD	1	126010306005	PARMAR MAHESH BHUPATBHAI	9.84	Dec-13
		126010306027	PRAJAPATI SANTOSHKUMAR SHAMBHUBHAI	9.84	Dec-13
	2	126010306052	VASAVA ANKITABEN JAGDISHBHAI	9.28	Dec-13
	3	126010306043	PATEL ROZMINABANU SABBIRYUSUF	9.16	Dec-13
4TH	1	126010306052	VASAVA ANKITABEN JAGDISHBHAI	9.55	May-14
	2	126010306005	PARMAR MAHESH BHUPATBHAI	9.39	May-14
	3	126010306027	PRAJAPATI SANTOSHKUMAR SHAMBHUBHAI	9.24	May-14
		126010306041	RAMPARIYA AJAYKUMAR ISHWARBHAI	9.24	May-14

 **BATCH 2013** 

SEM	RANK	ENROLLMENT NO.	NAME	SPI	YEAR
1ST	1	136010306009	GABANI MILAN G.	9.36	Dec-13
	2	136010306003	BHADANI MAYUR M.	8.75	Dec-13
	3	136010306057	SOLANKI RAKSHIT S.	8.71	Dec-13
2ND	1	136010306050	SHAIKH MD.AZEEM B.	9.35	May-14
	2	136010306048	SAPARIYA KRUTIK D.	9.29	May-14
	3	136010306009	GABANI MILAN G.	9.23	May-14



Computer Engineering Department 🌿🌿🌿

From H.O.D.'s DESK

Engineers are not born, they are made. Computer engineers are now widely recognized as an essential source of tools and techniques for advancement in nearly all fields. Computer Engineering is the most prominent branch in today's competitive world.

The Department of Computer was started in the year 2009. Department has well qualified and experience faculty to inspire the students to develop their technical skills. Right from its inception, the department has been offering excellent infrastructural facilities to motivate students to meet the demands of IT industry. Department has developed laboratories in various fields of Computer Engineering, Database Management Systems, Computer Networking, Software Engineering, Web Designing, Advanced Java Programming, Software Development Processes Lab, Internet and Web Technology etc.

The students get opportunities to excel in their academic achievements. Apart from the regular technical curriculum the department strives to develop the students into non technical prodigy.

As HOD my aim is to raise the standard of Computer Engineering Department with sound technical knowledge, excellent soft skills and integrity towards work.



Mrs. S S Multani

I/c HOD Of Computer Engg. Dept.

Computer Engg. is the process of analyzing & designing all hardware, software for computer system. Computer Engineers continuously push the capability & applicability of computer in every industry & every fact of modern life. It uses many principle & technology of electrical Engg. & many of Computer Science. This field of Engineering not Only focuses on how computer system themselves work, But also how they integrate into the larger picture. Areas like coding, cryptography, information Protection, Comm. & wireless network, computational science & Engg. Mobile computing & others. Due to the wide use of computer across industries & applications, we find computer engineers In many diverse areas. The field is constantly growing & changing due to the rapid pace of Technological advancement.

Vision, Mission and Goals of Department of COMPUTER Engineering :

VISION

To create good engineers not only skill wise but also socially that can not only work as a team member but also lead the team to design new technologies in computer field.

MISSION

The mission of the Computer Engineering is to create engineers that are equipped with the necessary decision making, computing, teamwork and leadership skills that they can use to creatively design, manage and improve a wide horizon of computer world to serve modern society.

SHORT TERM GOALS

- To prepare laboratory with latest new technology.
- To start short term courses that will helpful for our student in growing market survival.
- Make interaction with companies so maximum student selected in campus interview
- To initiate personality development program that helpful for student for building confidence.
- Make internetworking of all the computer lab for center controlling.

LONG TERM GOALS


- To develop a Center of Excellence in the field of basic as well as advanced programming.

Programme Outcomes (POs)



The department strives to make learning more creative, interactive and information driven by using sophisticated methods for the students. High end sophisticated computing facilities are available to meet the project requirements and to encourage research activities related to field.

Strengths of COMPUTER Department

- Confident, knowledgeable, experienced Faculty.
- Well designed laboratory with latest technology.
- Continuous assessment system for students.
- Seminars, expert lecture arrangement, workshops to develop student's technical & practical strength.
- Personality development program to develop personal strength & confidence..
- Good interaction with Industries & related companies.
- To prepare Videos, ppt, or audio clips for better understanding of particular subject topic.
- Open minded to accept any type of new innovation or new arrival technology.
- Good effort for better placement of the student & record of that.
- Any type of future support to our students.

 **BATCH 2011-12** 

SR.NO	SEM	RANK	ENROLLMENT NO	NAME	SPI	EXAMINATION
1	5th	1	116010307025	ZALA DHARUVIKUMARI KARANSINH	9.59	Nov-Dec-2013
2		2	116010307006	SHAH SHAHINABANU FIROZ	9.47	Nov-Dec-2013
3		3	116010307013	CHUNAWALA ABBAS AKILBHAI	9.32	Nov-Dec-2013
1	6th	1	116010307025	ZALA DHARUVIKUMARI KARANSINH	9.77	May-14
2		2	116010307004	PANDEY PRATIMA NARENDRA	9.60	May-14
3		2	116010307006	SHAH SHAHINABANU FIROZ	9.60	May-14
4		3	116010307013	CHUNAWALA ABBAS AKILBHAI	9.37	May-14

 **BATCH 2012-13** 

SR.NO	SEM	RANK	ENROLLMENT NO	NAME	SPI	EXAMINATION
1	3rd	1	126010307007	MUNI NILOFAR HAFIZALI	9.61	Nov-Dec-2013
2		2	126010307001	MULLA SULEMAN KASIM	9.45	Nov-Dec-2013
3		3	126010307002	MANSURI SHEHANABANU SHAUKATBHAI	9.06	Nov-Dec-2013
4		3	126010307015	SHIKH TANEIM ANWAR	9.06	Nov-Dec-2013
1	4th	1	126010307001	MULLA SULEMAN KASIM	9.48	May-14
2		2	126010307007	MUNI NILOFAR HAFIZALI	9.32	May-14
3		3	126010307015	SHIKH TANEIM ANWAR	9.26	May-14

 **BATCH 2013-14** 

SR.NO	SEM	RANK	ENROLLMENT NO	NAME	SPI	EXAMINATION
1	1st	1	136010307063	VERMA SAPANA MAHENDRAKUMAR	9.72	Nov-Dec-2013
2		2	136010307057	SURMA KRINABEN JANAKSINH	9.45	Nov-Dec-2013
3		3	136010307013	GANGANI RAKSHITABEN DINESHBHAI	9.14	Nov-Dec-2013
4		3	136010307024	MAHETA NISHIBEN PRASHANTKUMAR	9.14	Nov-Dec-2013
1	2nd	1	136010307063	VERMA SAPANA MAHENDRAKUMAR	10.00	May-14
2		2	136010307057	SURMA KRINABEN JANAKSINH	9.41	May-14
3		3	136010307024	MAHETA NISHIBEN PRASHANTKUMAR	8.93	May-14



Electronics & Communication Engg. Dept. 🌿🌿🌿

From H.O.D.'s DESK

Today the technology is changing so fast and need of the consumer is increased day by day. These affect the consumer market, industries, government organizations etc. Also in the market and in the technical field the demand of the skilled person is increased rapidly. The state government & the central government have been declared the policy related to Electronics field to fulfill the demand of the consumer. So, it is a good opportunity for us to get the right job related to our field. But the problem is the students & their parents have no information related to this. Also the approach of the students is very poor for the studies. They are not sharing their problems or difficulties. We expect the right feedback from our students & their parents. This will be helpful to them. At here we try to develop our system such that after completing of the diploma engineering, the student can withstand themselves in this changing environment and getting the good job.

Best of luck for your future.



Mr. S M Kukana
I/c HOD Of E&C Engg. Dept.

Electronics and communication engineering deals with the design and practical application of electronic equipments for efficient communication. Electronic Engineers have not only knowledge of electronic components but also knowledge of computers, electrical, instrumental field.

VISION, MISSION AND GOALS OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING:

VISION

In the era of communications there is necessity of energy conservations and connecting all the worldwide people to perform most of their activities easily, effectively & efficiently.

MISSION

To develop engineers with good knowledge having better problem solving skills also have capabilities to accept challenges & to be competitive under discipline & perform their duties to live better lives for mankind.

SHORT TERM GOALS

- To keep students in touch with the latest trends.
- To arrange special classes for rural students for improving their Communication Skills.
- To start industry based short term course.

LONG TERM GOALS

- To develop a centre of excellence in electronics engineering education.
- To start the graduation program.

PROGRAMME OUTCOMES (POS)

The course content for Electronics & Communication engineering programme should be taught with aim to develop theoretical as well as practical skills. It provides ability to use the techniques, skills and modern engineering tools necessary to analyze electronics & communication engineering problems.

STRENGTHS OF ELECTRONICS & COMMUNICATION DEPARTMENT

- Well equipped laboratories with the standard equipments
- Experienced & well qualified faculties.
- Encourage our students to take parts in the technical events.
- Provide a bridge between industries & college to develop new ideas & projects.
- Provide guidance to students for higher studies
- Produce industry-ready engineers

STUDENT ACHIEVEMENTS

The final year students, Shaikh Sana got 1st rank and Parmar Roshni got 8th rank in E & C GTU exam for 5th Semester.

 **BATCH 2011** 

SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
5	1	116010311051	QURESHI MAHMADSALMAN M.	9.65	December-13
	2	116010311001	MODI JAINISA H.	9.53	
	3	116010311062	SHAIKH MO.ZAID ABDUSSAMAD	9.47	
SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
6	1	116010311051	QURESHI MAHMADSALMAN M.	9.72	May-14
	2	116010311001	MODI JAINISA H.	9.58	
	3	116010311011	DAS RAHUL D.	9.33	

 **BATCH 2012** 

SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
3	1	126010311001	SHAIKH SHANA PARVIN M.	10	December-13
	2	126010311003	PARMAR ROSHANIKUMARI J.	10	
	3	126010311014	SHAIKH ARIF M.	9.68	
SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
4	1	126010311001	SHAIKH SHANA PARVIN M.	9.8	May-14
	2	126010311003	PARMAR ROSHANIKUMARI J.	9.63	
	3	126010311035	PATEL VIRAL P.	9.27	

 **BATCH 2013** 

SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
1	1	136010311038	SHAIKH FEHMIDABANU M.	8.39	December-13
	2	136010311023	PANCHAL DEEPKUMAR R.	7.97	
	2	136010311047	VANKER PRIYANKABEN D.	7.97	
	3	136010311034	PRAJAPATI SANJAYKUMAR R.	7.94	
SEMESTER	RANK	ENROLMENT NO.	NAME	SPI	EXAM
2	1	136010311047	VANKER PRIYANKABEN D.	9.23	May-14
	2	136010311038	SHAIKH FEHMIDABANU M.	9	
	3	136010311023	PANCHAL DEEPKUMAR R.	7.9	



Electrical Engineering Department

From H.O.D.'s DESK

We at A Y Dadabhai Technical Institute, Kosamba believe that each child is a gift of God to mankind and a pride of the human race, and has the potential to be the light of the world. Electrical Engineering is one of the core fields of engineering, so it is always evergreen in terms of scope and job prospects and is the heart of whole engineering discipline.

Nowadays, Electricity has become the basic need for survival globally. Electrical engineering thus deals with study and application of electrical systems for use in these different environments. It equips you with knowledge of Transmission and distribution, generation of electrical power, electrical circuit design electronics, instrumentation, , understanding electrical networks, etc.

Whether you are a student, parent, prospective faculty member or a curious individual, we invite you to visit our campus to witness the state-of-the-art facilities and excellent teaching-learning atmosphere. Our enthusiasm knows no bounds even in nascent stages, and our dedication to lead Electrical Engineering to new heights is indeed strong. We look forward to hearing from you.

I am pleased to convey my warm wishes to all engineering buddies and wish that you join hands to implement the core ideas to make a brighter future.



Mr. M S Dinath

I/c HOD Of Electrical Engg. Dept.

Electrical Engineering is a field of engineering that generally deals with the study and application of electricity and electronics. Electrical Engineering plays a key role in enlighten the world by production of electrical power. As conventional fuels are depleting day by day, it is now needed to conserve energy through various innovative ideas in the field of conservation techniques by keeping best knowledge of Electrical Engineering with other important social aspects.

VISION, MISSION AND GOALS OF DEPARTMENT OF ELECTRICAL ENGINEERING:

VISION

The Electrical Engineering program at A.Y.D. Kosamba will become nationality recognized for diploma students with a supportive environment that facilitates learning to solve problems in Electrical Engineering. The faculty & staff of the program use their background in teaching, researching, research & industry. To prepare students to be successful as they move in to the workforce.

MISSION

The mission of the Electrical Engineering department is to prepare students to have strong technical, scientific & profession skill and qualities with emphasis on design & commitments to lifelong learning.

SHORT TERM GOALS

- To train students in widening their knowledge and improving their skills in the field of Electrical Engineering.
- To provide a solid foundation to be able to use the techniques, skills and recent engineering methods necessary for industrial environment.
- To assist the students to be globally competitive and be at the cutting edge of technology by providing training and expertise in critical areas.
- Be successful in careers and/or graduate study in engineering or other areas such as business.

LONG TERM GOALS

- To provide a sound base from which to embark in lifelong learning and graduate, post graduate studies.
- To develop an engineering environment for research and development.

PROGRAMME OUTCOMES (POS)

The main aim of the Electrical Engineering programme is to develop enterprising professionals who have an innovative disposition, the confidence and abilities to assume leadership roles in technology, business and the community. The programme is designed to give the skills essential for engineers to become immediately employable in the global competitive environment.

In order to achieve this aim, the major areas offered by the department are

- Power Systems and Electrical Machines
- Industrial Electronic and Power Electronics
- Electrical Instrumentation and Electrical Protection

STRENGTHS OF ELECTRICAL DEPARTMENT

- Qualified faculty members.
- Regular faculty training for improving their professional and technical skills.
- Well established and fully equipped laboratory.
- Continues evaluation of students.
- Consistent interaction with parents for student's development and their academic progress.
- Regular industrial visits of students for widening their industrial knowledge.
- Arrangement of expert lectures from professionals of various fields.
- Continuous progress of students in academic performance.
- Guidance to the students for better future.
- Sound record of students getting admission for higher education in reputed engineering institutes.
- Students' placement in well known industry.

 **BATCH 2011** 

SEMESTER	RANK	ENROLLMENT NO.	NAME	SPI/10
5 Th	1	116010309026	BHATT CHIRAG YOGESHBHAI	9.47
	2	116010309009	CHOKSI PRIYANK NILESHBHAI	9.41
	3	116010309002	KOSAMIA HARSHRAJ H.	9.35
6 Th	1	116010309024	PATEL MO. UVESH	10
	2	116010309001	BANGEE HUSAIN	9.8
		116010309004	KHOLVADIYA ZAID	9.8
		116010309005	MATRUJA MAYANK	9.8
		116010309009	CHOKSI PRIYANK NILESHBHAI	9.8
		116010309019	RAJDEEPSINH RANA	9.8
		116010309026	BHATT CHIRAG YOGESHBHAI	9.8
		116010309032	MAKWANA MITESH	9.8
		116010309041	JADAV AKSHAY	9.8
	3	116010309002	KOSAMIA HARSHRAJ H.	9.6
		116010309003	SHAIKH MASHUD	9.6
		116010309006	CHADDERWALA HARSH	9.6
		116010309008	DOCTOR KHADIJA	9.6
		116010309011	BANKA NAZIM	9.6
		116010309022	THAKOR MITRAJ	9.6
		116010309030	KHALIFA MO. FARHAN	9.6
		116010309035	MACHHI AASHISH	9.6
		116010309038	PARMAR JIGNESH	9.6
		116010309040	PATEL BHAVIN	9.6
		116010309048	PAVAGADHI MEGHNA	9.6
116010309049		VASAVA VISHAL	9.6	
116010309059	PATHAN ARBAZKHAN	9.6		

 **BATCH 2012** 

SEMESTER	RANK	ENROLLMENT NO.	NAME	SPI/10
3 Rd	1	126010309001	SHAIKH IRBAZ IDRISH	9.82
	2	126010309030	RAVAL NAYAN SHUKHABHAI	9.58
	3	126010309016	AHIR AKSHAY BHIKHUBHAI	9.21
4 Th	1	126010309001	SHAIKH IRBAZ IDRISH	9.8
	2	126010309030	RAVAL NAYAN SHUKHABHAI	9.6
		126010309019	SHAIKH TUFAIL	9.6
		126010309061	MACHHI DINESH	9.6
		126010309033	MISTRY HIMANSHU	9.6
		126010309003	DAWALA SALMAN	9.4
	3	126010309004	VIHARIYA HARDIK	9.4
		126010309005	PATEL MO. SHAHNAWAZ	9.4
		126010309023	PADALIYA MO. SOHEL	9.4

 **BATCH 2013** 

SEMESTER	RANK	ENROLLMENT NO.	NAME	SPI/10
1 St	1	136010309024	MOTALA SAHAL HARUN	9.33
		136010309052	SHAIKH MO. VALI	9.33
	2	136010309012	JADAV ANIRUDHSINH	8.85
	3	136010309016	KADWA KARIM BAKSH	8.52
		136010309050	SHAH MO. SAJID S.	8.52
2 Nd	1	136010309024	MOTALA SAHAL HARUN	9.47
	2	136010309034	PATEL VISHAL B.	9.28
	3	136010309012	JADAV ANIRUDHSINH	8.97



Mechanical Engineering Department

From H.O.D.'s DESK

India enters in to the phase of rapid growth & development & will establish it self as a global super power to provide best of Innovation, Technology break through & it revolution.

I hope after achieving diploma in Mechanical Engineering, you will complete with the best of talent to become best in your respective field.

All management, faculty members, staff and other resources of A.Y. Dadabhai Technical Institute will ensure that you set best of placement and academic excellence and your journey with us is fantastic, faithful & fabulous.

Be assure the best of future is awaiting you, once you pass out of this campus and all you have to do is to stay motivated and dedicated to your career and success.

so my dear students.

- Aim Big
- Aspire High
- Have strong ambition
- Achieve best in life



Mr. P.J. Surti

I/c HOD Of Mechanical Engg. Dept.

Mechanical Engineering envisages the development, design, manufacturing and maintenance of machinery. The present age demands Mechanical Engineering specialists who have the capacity of adaptability and creativity in the new technical areas. Mechanical Engineers should have knowledge not only in their own specialized fields but also in wide interdisciplinary fields as well.

VISION, MISSION AND GOALS OF DEPARTMENT OF MECHANICAL ENGINEERING :

VISION

The department of Mechanical Engineering strives to train students in the mechanical engineering science as well as application of these scientific methods to conceive, organize and carry out scientific design of engineering system.

MISSION

- The Mechanical Engineering Department is committed to,
- Prepare effective and responsible engineers for global requirements by providing quality education.
- Constantly strive to improve pedagogical methods employed in delivering the academic programs.
- Respond effectively to the industry and changing world.
- Conduct basic and applied research and to generate intellectual property.
- Provide consultancy to the neighborhood and cultivate the spirit of entrepreneurship.

SHORT TERM GOALS

- To enhance Industry - Institute interactions
- To start the need based short term courses
- To start the programs in thrust areas like glass industry

LONG TERM GOALS

- To develop a Center of Excellence in the field of CAD/CAM
- To start the graduation programs

PROGRAMME OUTCOMES (POS)

The course content for the student of Mechanical engineering programme should be taught and implemented with the aim to develop various types of skills, so that students are able to acquire knowledge of theoretical principles for mechanisms and machines for clear understanding of concepts underlying engineering design. It gives inclination to apply this theoretical knowledge to the practical problems.

STRENGTHS OF MECHANICAL DEPARTMENT

- Dedicated, competent and Experienced Faculty
- Consistently attracting students of higher merit
- Be able to Attract Students of higher merit
- Well Designed faculty appraisal and Development system
- Good interaction with Industries
- Open well Defined continuous assessment system for students
- Online monitoring of Teaching learning process
- Self- Learning resources for personal development
- Strong counseling and guidance system
- Well equipped laboratories and computing facilities
- Good record of student's Placements

 **BATCH 2011-12** 

SR. NO.	SEMESTER	ENROL NO.	NAME OF STUDENTS	S.P.I.	EXAMINATION	REMARKS
1	5th	116010319053	Gohil Pragneshkumar B.	9.17	Dec-13	1
2		116010319016	Rana Kunj J.	8.88	Dec-13	2
		116010319005	Nakum Jaykishankumar P.	9.79	Dec-13	3
3		116010319022	Jamnalaltali G.	9.79	Dec-13	
1	6th	116010319080	Patel Md Naim G.	9.24	May-14	1
2		116010319002	Mirza Hamza A.	8.95	May-14	2
		116010319053	Gohil Pragneshkumar B.	8.95	May-14	
3		116010319077	Mistry Jaykishan D.	8.86	May-14	3

 **BATCH 2012-13** 

SR. NO.	SEMESTER	ENROL NO.	NAME OF STUDENTS	S.P.I.	EXAMINATION	REMARKS
1	3rd	126010319006	Vaghani Chintan K.	9.78	Dec-13	1
2		136018319011	Patel Ankurkumar H.	9.44	Dec-13	2
3		126010319032	Raval Ajay P.	9.34	Dec-13	3
1	4th	126010319006	Vaghani Chintan K.	9.71	Jul-14	1
2		126010319024	Jagtap Gaurav B.	9.57	Jul-14	2
3		126010319022	Sinha Vishwajeet	9.54	Jul-14	3

 **BATCH 2013-14** 

SR. NO.	SEMESTER	ENROL NO.	NAME OF STUDENTS	S.P.I.	EXAMINATION	REMARKS
1	1st	136010319053	Ojha Vivek R.	9.25	Dec-13	1
2		136010319110	Sharma Himanshu S.	9.21	Dec-13	2
3		136010319075	Patel Mohmmadyaha F.	9.14	Dec-13	3
1	2nd	136010319039	Malek Anjum Farid G.	9.28	Jul-14	1
2		136010319086	Patel Yash B.	8.97	Jul-14	2
3		136010319110	Sharma Himanshu S.	8.86	Jul-14	3



Huminity & Science Department

From H.O.D.'s DESK

The Department of Science & Humanities is continuing from the date of its inception of A. Y. D. T. I. in 2008, with the mission of imparting teaching and value based liberal education as a part of engineering education.

Department of science & Humanities offers applied science & humanities courses as prescribed by the curriculum of the GTU in first year in the Diploma Engineering . so, there is a strong need to build a strong foundation as a part of Engineering Education. The Department houses many discipline like English literature & Communication, Mathematics, Physics & Chemistry.

Further the vision is set for opening up different abilities in the field of Science & Humanities, there by ensuring the scope for become professional with a difference to understand the social reality.



Mr. M. A. Prajapati

I/c HOD Of Huminity & Science Dept.

MISSION

Our overall objective for the next few years is to strengthen the uniquely interdisciplinary nature of the Department. As we know, the AYD Technical Institute is always mean to impart training not merely in the fundamentals of science and technology but also in innovative thinking. This is likely to be of the most important in a rapidly changing world where the nature of knowledge has been transformed almost beyond recognition. It can and must respond with vigor to the challenge posed by the global dilemmas of the new millennium.

The department has excellent opportunities and facilities for the pursuit of research and development. For the fulfillment of its teaching and research goals, the Department has competent faculty members with a high degree of excellence who keep pace with the current developments in their fields of specialization

VISION

To be among the best Huminity & Science Departments in the country and to establish an international reputation as a centre for research and teaching in building block of other departments. To keep abreast of the latest developments, the department keeps on periodically updating and revising its teaching and research schemes and introduce new courses.

- ❖ **Mr. Pratiksinh P. Solanki** has attend UGC sponsored short term courses: continuing professional development at Academic staff college Sardar Patel University Vallabh Vidhyanagar from 13/09/2014 to 20/09/2014.



“You Are The Creator Of Your Destiny.....”

It gives me great pleasure to greet my colleagues on the occasion of publishing 3rd edition of Rahein-2015 and to introduce our Institute Library. And I am indeed very grateful and honored to be a part of this prestigious Institute.

Libraries are backbone of any civilized society and heart of any academic institution. Thus the Institute also acquires a prominent place among the students and faculty. To support research, teaching and learning activities, the Institute library provided thousands of books, projects, CD-ROM, National and International Journals, Magazines, Internet Lab. and also to keep pace with ongoing technological changes the library has made all records computerized. Also remarkable activities like Book Bank, Alumni Students library facility has been started to help and support needy students in their education.

Dear students I Intently believe that you would have an all-round development of your personality during your stay in this Institute. As says, “A Journey of a Thousand Miles begins with a Single Step...”, So, have ambitions and aims and your hard work, enthusiasm, resilience located with knowledge intellect would take you to desire. Make habit to read newspapers and books daily and ensure the optimum use of library. Respect for your teacher and college staff. Mutual love and co-operation, discipline, focused approach, passion for cleanliness of your college premises and environment in general, agility and alertness for eco-balance would definitely go a long way to provide you a blissful and successful life and would open new horizon of development and bliss for the Country.

With best wishes for bright future and great success for 3rd edition of Rahein-2015 .

JAI HIND



Ms. Niharika D. Lad
Head Librarian

Achievement

1) Presented Paper at **National Conference** on Role of Libraries in Indian Culture and Management, held at University College of Science Mohanlal Sukhadia University, Udaipur on 11-12 April 2014

PAPER TITLE : TOTAL QUALITY MANAGEMENT

ISBN : 81-86038-79-5

2.) Contributed Paper at **National Conference** on Emerging Trends, Advancements and Challenges of Academic and Public Libraries, held at SVKM's Narsee Monjee Institute of Management Studies (NMIMS) (Deemed Universtiy, Mumbai) at Shirpur Campus, Dist-Dhule (MS) on June 13-14, 2014

PAPER TITLE : PUBLICA LIBRARY LEGISLATION AND LIBRARY DEVELOPMENT

ISBN : 978-93-84093-13-6

The Library plays a vital role in providing & nurturing knowledge and aids in learning & teaching activities. The primary purpose of the library is to support teaching, research, academic & management programs. It serves as the workshop for the entire college – students and faculty alike.

MISSION

Improving quality library information system and service to support teaching, research, academic and management programme and providing and nurturing knowledge and aids in learning and teaching activities.

VISION

To serve as the hub of learning and to act as the gateway of knowledge and invention that exists in print and digital formats to support institutional vision.

A.Y.Dadabhai Technical Institute Library is fully computerized with the implementation of SOUL 2.0 (Library Software from INFLIBNET) along with Bar Code System.

LIBRARY COLLECTION DETAILS

1. Total Books :- **5255** (Including 1000 Reference Books)
2. Complementary Books :- **175**
3. CDs & DVDs :- **322**
4. Student's Project :- **172**
5. Journals & Magazines :- **14 + 5** international journal
6. News Papers :- **5**

GOAL FULFILL

- Started Internet Laboratory to support students and staff for the education purpose.
- Started Alumni Students' Library Facility
- Started e-library for mechanical engineering department
- Recently started Book Bank for First and Second Semester

FUTURE GOAL

- To expand Book Bank for all semester
- Digitization of all material so that user can avail information by a single click.
- Web OPAC



The Department of Mechanical Engineering put keen efforts to establish E-Library for the betterment of students where students can get real idea of the various aspects.

OBJECTIVES

- To serve as the hub of Learning.
- To support institutional vision through providing qualitative services for making Knowledge Making Community.
- To enhance reading habits as well as develop the skill of searching information from Internet among the user community of library.
- Updating and improving Library information management system.
- It is used to maximum ideas about questions and papers. So, obtain optimum positive results.
- To get the project reports which give the guidance about project work.
- Also being a part of NBA approval for college facilities in teaching criteria.

VISION

Our vision is to provide great knowledge of basics of different topics as well as recent modern technologies and achieve the good results for better career.

MISSION

- The mission is to provide materials from different aspects like PPT, Images, Videos and soft copies. Also upgrade the knowledge & practical application of each & every topics by different ways to the students, faculties as well as GTU.
- It is to make user-friendly so every student can get and improve knowledge.
- Other ways faculties are also use for to teach the topics to students effectively and guide them.
- We have provide the computer and net facilities so student use any time acquired the materials himself.

બુકબેંક યોજના

એ.વાય.દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ નો મુખ્ય હેતુ ઉચ્ચ ટેકનીકલ શિક્ષણ અને સાથે સમાજના જરૂરિયાતમંદ ને મદદરૂપ થઈ સમાજ અને રાષ્ટ્રની પ્રગતિમાં સહભાગી થવું એ રહ્યો છે. જેના એક પ્રયાસરૂપે સંસ્થા દ્વારા તા. ૫-૨-૨૦૧૫ના રોજ બુકબેંકની શરૂઆત કરવામાં આવી.

બુકબેંકનો મુખ્ય આશય જરૂરિયાતમંદ વિદ્યાર્થીઓને પુસ્તકો આપી તેના દ્વારા તેઓના અભ્યાસમાં મદદરૂપ થવું. અને આજ આશયને ધ્યાનમાં રાખી એ.વાય.દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ દ્વારા આચાર્યશ્રી એમ.એમ.દાલયાવલ સાહેબના માર્ગદર્શન હેઠળ લાયબ્રેરીમાં બુકબેંકની શરૂઆત થઈ. આ પ્રસંગે સમારંભના પ્રમુખપદે યુ.કે. થી પધારેલા અને આપણી સંસ્થાના એક મોટા દાતા શ્રી મોહમદભાઈ સબાત સાહેબ હતા સાથે ટ્રસ્ટીશ્રી યુસુફભાઈ પટેલ (સાવાવાળા) પણ હાજર રહ્યાં હતાં. શ્રી સબાત સાહેબે આ કાર્ય બદલ બિરદાવ્યા હતા અને પોતાના તરફથી પણ મદદ કરવા ખાતરી આપી હતી. આચાર્યશ્રી એમ.એમ.દાલયાવલ સાહેબે સંસ્થા અને તે અંતર્ગત કરવામાં આવતી પ્રવૃત્તિઓની માહિતી આપી હતી. બુકબેંક યોજના વિશેની વિગતવાર માહિતી સંસ્થાના લાયબ્રેરીયન કુ.નિહારીકા લાડ દ્વારા આપવામાં આવી હતી. સમારંભનું સંચાલન શ્રીમતી બીનીતા પટેલ, લેકચરર, સિવિલ એન્જિનિયરીંગ ડિપાર્ટમેન્ટએ કયું હતું.

સમારંભના પ્રમુખના હસ્તે બુકસનું વિતરણ થયું હતું. જેમાં બીજા સેમેસ્ટરના વિવિધ બ્રાંચના કુલ ૧૫૪ વિદ્યાર્થીઓને બુકના સેટસ આપવામાં આવ્યા. આ યોજના અંતર્ગત વિદ્યાર્થીઓને બુકસેટસ પુરા સેમેસ્ટર માટે આપવામાં આવે છે. જે સેમેસ્ટરના અંતે વિદ્યાર્થીઓએ પરત કરવાના હોય છે. આ ઉપરાંત પણ આ સર્વે વિદ્યાર્થીઓ લાયબ્રેરીના બુકસ કલેક્શન, રેફરન્સ સર્વિસ, ઈન્ટરનેટ લેબ., પ્રોજેક્ટ, જર્નલ્સ, મેગેઝિન વિગેરેનો પણ વિશેષ લાભ લઈ શકે તે માટે સંસ્થા સતત પ્રયત્નશીલ છે.

વિશેષમાં સંસ્થાની લાયબ્રેરી દ્વારા એલ્યુમિની સ્ટુડન્ટસ માટે પણ બુકસ ફેસિલીટીની શરૂઆત કરવામાં આવી છે જેમાં સંસ્થાના ભુતપુર્વ વિદ્યાર્થીઓને ૩ બુકસ ૩ મહિના માટે ઈસ્યુ કરવામાં આવે છે.

સંસ્થા આ બુકબેંક યોજના આગામી વર્ષમાં અન્ય સેમેસ્ટર માટે પણ શરૂ કરવા માટે કટિબદ્ધ છે. સમારંભનું સમાપન રાષ્ટ્રગીત સાથે થયું હતું.



Committees

SR. NO.	Name of Committee	Name of Chairman or Co-ordinator	Department
1	GTU Co-ordinator	Mr. M.A. Prajapati	Huminity & Science
2	T & P Cell	Mr. D.G. Kalathia	Mechanical
3	Anti-Raging Cell	Mr. S.A. Kapadia	Mechanical
4	Discipline	Mr. S.M. Kukana	E.C.
5	Admission Committee	Mr. P.J. Surti	Mechanical
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9	Alumini	Mr. V.M. Patil	Computer
10	Sports	Mr. P.A. Patel	Civil
11	NBA Accreditation	Mr. D.I. Surti	Mechanical
12	WID Cell	Miss. N.D. Lad	Librarian
13	Magazine Committee	Mr. P.J. Surti	Mechanical
14	SC - ST Cell	Mr. R.R. Chaudhary	E.C.
15	Media Cell	Mr. M.S. Dinath	Electrical
16	Community Polytechnic	Mr. P.J. Surti	Mechanical
17	OST & MWT Club	Mr. V.M. Patil	Computer
18	AICTE / GTU Approval Process	Mrs. S.S. Multani	Computer
19	Stationary	Mr. A.S. Ghariya	Huminity & Science

PATRON OF ALL COMMITTEES

Mr. M.M. Dalchawal

Principal

A.Y. Dadabhai Tehcnical Institute

કઠોર મેડિકલ ટ્રસ્ટ સંચાલિત

હાજી ડી.એમ. લોખાત અને મીસીસ અમીના સુલેમાન દાદાભાઈ જનરલ હોસ્પિટલ

કાઝી સ્ટ્રીટ, કઠોર-૩૮૪૧૫૦.

કઠોર મેડિકલ ટ્રસ્ટ સંચાલિત - હાજી ડી.એમ. લોખાત અને મીસીસ અમીના સુલેમાન દાદાભાઈ જનરલ હોસ્પિટલ કાઝી ફળિયા, કઠોર પ્રગતિના ચાર વર્ષ આરોગ્ય ક્ષેત્રે સેવા પુરી પાડવા બાબતે સફળતાપૂર્વક પૂર્ણ કરેલ છે. ઉપરોક્ત હોસ્પિટલમાં કઠોર તથા તેની આસપાસના વિસ્તારના જરૂરીયાતમંદ લોકો છેલ્લા ચાર વર્ષોથી હોસ્પિટલમાં આવેલ ઓપીડી ઈન્ડોર ઓપરેશનની સેવાઓનો લાભ મોટી સંખ્યા લઈ રહ્યા છે. આ હોસ્પિટલમાં તદ્દન નજીવા દરે અથવા જરૂરીયાતમંદ દર્દીઓને મફત આરોગ્ય સેવાનો લાભ કોઈપણ જાતના ધર્મ, જાતિ, જ્ઞાતિ કે ભાષાના ભેદભાવ વિના મોંઘી આરોગ્ય સેવાઓ ઘરઆંગણે પુરી પાડી રહેલ છે.

આ હોસ્પિટલમાં કઠોરમાં આવેલ તમામ મસ્જિદોમાં કાર્યરત એવા પેશઈમામ, બાંગી સાહેબો તેમજ મદ્રેસહના તલબાહ (Students) તેમજ ટીચરો અને જમાઅતના સાથી ભાઈઓને ઓપીડી ઈન્ડોર તથા ઓપરેશન તથા દવા વિગેરે વિનામૂલ્યે (મફત) આપવામાં આવે છે. દિન-પ્રતિદિન દવા, તબીબી સાધનોના ભાવોમાં વધારો થતો હોવાથી અને સાથે સાથે ગરીબ અને લાયક મંદ દર્દીઓની સંખ્યામાં પણ વધારો થઈ રહ્યો હોવાથી, હોસ્પિટલને આ ઉમદા કાર્ય ચાલુ રાખવા માટે હાલ ઝકાત, ફિત્રા, સદકાહ, ફિદીયા, લિલ્લાહ અને (વ્યાજ ફંડ-નોન મુસ્લિમ દર્દીઓ માટે) ની નાણાંકીય મદદ/સહાયની તાતી જરૂરીયાત છે. આપની અવિરત નાણાંકીય મદદને પરિણામરૂપ આ હોસ્પિટલ ગરીબ, જરૂરીયાતમંદ દર્દીઓને ઘરઆંગણે મોંઘી તબીબી સેવા અત્યારપર્યંત ચાલુ રાખી શકેલ છે, મોટી સંખ્યામાં ગરીબ દર્દીઓ મેડીકલ સારવાર લઈ રહ્યા છે. આ ઉમદા કાર્યને આગળ ધપાવવા અને આરોગ્ય સેવા પુરી પાડવાની પ્રવૃત્તિ હોસ્પિટલ દ્વારા સતત ચાલુ રાખવા માટે પહોંચી વળવા માટે સખ્ત નાણાકીય મદદ/સહાયની હોસ્પિટલને હાલ જરૂરીયાત છે.

જેથી આ સાહેબોને નમ્ર ગુઝારિશ/અપીલ કે આપ સૌ હોસ્પિટલ માટે નાણાંકીય મદદ મેળવી આપવા અને આપના સંપર્કોનો ઉપયોગ કરી નાણાંકીય મદદ આપી/અપાવી સતત તનતોડ પ્રયાસો અમારી સંસ્થા વતી કરશો એવી વિનંતી છે. અલ્લાહ તઆલા આપને તથા આપના કુટુંબીજનોને આ નેક ઉમદા કાર્ય બદલ તેનો બદલો બંને જહાનમાં અવશ્ય આપશે. એવી અમો અલ્લાહ તઆલા પાસે દુવા ગુઝારીએ છીએ. આમીન.

નોંધ : તમો પોતે પણ સીધે સીધું દાન બેન્કમાં જમા કરાવી શકો છો.

ભારત (INDIA)

બેન્ક ઓફ ઈન્ડિયા

કામરેજ ચાર રસ્તા શાખા

નામ : ઘી કઠોર મેડિકલ ટ્રસ્ટ

A/c No. 275810110003798

IFSC CODE : BKID0002758

Swift Code : BKIDIMBBSRY

પરદેશ (ABROAD)

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Varachha Branch, Surat.

Credit For : The Kathor Medical Trust

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Managed by : Kathor Medical Trust

Haji D.m. Lockhat And Mrs. Amina Suleman Dadabhai General Hospital

Kazi Street, Kathor-394150.

Kathor Medical Trust, Kathor is a registered Trust and being in Existance of Since 20 Years in the Health care fields. This trust is running Hospital in the name of Haji D.M. Lockhat And Mrs. Amina Suleman Dadabhai General Hospital at Kathor which has successfully in the sphere of O.P.D. Indoor and Operative facilities to the ailing sick population of kathor village and surrounding areas including free medicines to the really poor gentile patients who are not affordable and needy. This Hospital pass on concessions to them and in many cases 100% free treatment is being rendered without any discrimination of caste, colour, creed, religion or language. The Hospital is providing relief to the Madresha Teachers, Talbas (Students) Masjid Moajins and Imam Sahebs, as well as Jamat brothers in hospital O.P.D. Indoor treatment and supply of Medicines free of cost to them.

We make and humble appeal for donation to all donors to come forward to donate to our hospital as much as they can, by very of SADKHA, FITRA, ZAKAT, FIDIYA, LILLAH And (Interest Money for Non-Muslim Patients), so as to continue this noble cause for our muslims to provide more relief to the poors, needy and really genuine patients. We hope and pray in Dua may Allah Talla will definitely reward you and your family members in both the worlds for year deeds, Insha Allah. Ameen.

NOTE : You Can donate directly your Donation in Bank

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ABROAD

HDFC BANK LTD.

Varachha Branch, Surat.

Credit For : The Kathor Medical Trust

A/c No. / 05 331450000158

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“સેતુ - એક કડી”

“સેતુ” એક કડી એ સમાજ સેવાના એક ઉમદા હેતુ સાથે સંકળાયેલ અને સંસ્થાના સિવિલ એન્જિનિયરીંગ ખાતાના વડા શ્રી પ્રણવ એ. પટેલના નેતૃત્વ હેઠળ છેલ્લા એક વર્ષથી કાર્યરત છે. જેના ભાગરૂપે ગતવર્ષે જરૂરીયાતમંદ લોકોમાટે સંસ્થાના વિદ્યાર્થીઓ અને સ્ટાફમિત્રોના સહયોગથી જુના પણ ઉપયોગી એવા એક હજારથી પણ વધુ વસ્ત્રો એકઠા કરી સાગબારા તાલુકાના “મોરજડી” ગામના રહેવાસીઓને વહેંચણી કરવામાં આવી હતી. જેમાં સિવિલ એન્જિનિયરીંગ ડિપાર્ટમેન્ટના છઠ્ઠા સેમેસ્ટર (૨૦૧૧ બેચ) ના વિદ્યાર્થીઓ પરાગ એ. અકબરી, જીગ્નેશ બી. સોલકી, કેયુર એમ. ભુવા, કેતન જી. કથીરીયા અને ડેનીસ જે થુમ્મરનો નોંધપાત્ર ફાળો રહ્યો હતો.



તા. ૧૪-૦૨-૨૦૧૫ના રોજ ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી દ્વારા યોજાયેલ Innovative students Cocreation Award for Leadership & Excellence (i-scale) હેઠળ “સેતુ - એક કડી”ને આ સેવાકાર્ય માટે પ્રોત્સાહનરૂપી એવોર્ડ આપી સન્માન કરવામાં આવ્યું હતું.



સેતુના જ ભાગરૂપે ચાલુવર્ષથી ઈન્સ્ટીટ્યુટના જે વિદ્યાર્થીઓ ટ્યુશન ફી ભરી શકે એમ ન હોય એવા વિદ્યાર્થીઓનો સંપર્ક કરી યોગ્યતાને પાત્ર હશે તેમને ઈન્સ્ટીટ્યુટના સ્ટાફમિત્રો દ્વારા દર મહિને રૂ. ૫૦ ની ફાળા દ્વારા એકત્રીત કરવામાં આવેલ રકમ ફી પેટે ચુકવવા નિર્ણય કરવામાં આવેલ છે.

એ.વાય.દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ, કોસંબા આયોજિત, “તેજસ્વીની” સ્કોલરશીપ યોજના

ઉદઘાટન સમારંભ : તા. ૧૪-૦૩-૨૦૧૫, શનિવાર

એ.વાય.દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ, કોસંબા હેઠળ કાર્યરત “Udaan–Women in Development Cell” અંતર્ગત “તેજસ્વીની” સ્કોલરશીપ યોજના નો ઉદઘાટન સમારંભ સંસ્થાના પ્રમુખ શ્રી સલીમ પટેલના અધ્યક્ષપદે, તા. ૧૪-૦૩-૨૦૧૫, શનિવારના રોજ યોજવામાં આવ્યો હતો.

આ સમારંભમાં મુખ્ય અતિથિ તરીકે શ્રી લવજીભાઈ દાલીયા, (સમાજ સેવક અને જાણીતા બિલ્ડર) અને અતિથિ વિશેષ તરીકે ડો. તૃપ્તી એસ. અલમોલા, (ઈન્ચાર્જ ડાયરેક્ટર, નર્મદાકોલેજ ઓફ મેનેજમેન્ટ), શ્રી હરીશભાઈ પરવડીયા, (સમાજ સેવક), શ્રીમતી ભાવનાબેન પટેલ, (સમાજ સેવિકા), શ્રીમતી સુલોચનાબેન શાહ, (સમાજ સેવિકા) અને શ્રી રાકેશ ખોપકર, (જનરલ મેનેજર, પિરામલ ગ્લાસ પ્રા.લિ.) હાજર રહ્યાં હતા. તથા સંસ્થાના સેક્રેટરીશ્રી, ટ્રસ્ટીશ્રીઓ પણ આ પ્રસંગે હાજર રહ્યાં હતાં.

સમારંભની શરૂઆત પ્રાર્થનાથી કરવામાં આવી હતી. ત્યારબાદ શ્રીમતી બીનીતા એમ. પટેલે, (લેકચરર, સિવિલ એન્જનીયરીંગ ડિપાર્ટમેન્ટ) સંસ્થા અને એ અંતર્ગત ચાલતી વિવિધ પ્રવૃત્તિનો ટુંકમાં પરિચય આપ્યો હતો. સંસ્થાના આચાર્યશ્રી એમ.એમ.દાલયાવલ સરે આમંત્રિત સૌ મહેમાનો નો પરિચય આપી તેમનું સ્વાગત કર્યું હતું.

વૈશ્વિક ફલક પર નારી શક્તિકરણને પ્રોત્સાહન આપતી આપણા માનનીય પ્રધાનમંત્રીશ્રી દ્વારા શરૂ કરાયેલ ઝુંબેશ “બેટી બચાવો, બેટી પઢાવો” માં સહભાગી થવા માટે સંસ્થા દ્વારા વિદ્યાર્થીનીઓને અભ્યાસમાં સહાયરૂપ થવા આ “તેજસ્વીની” સ્કોલરશીપ યોજના નો પ્રારંભ કરવામાં આવ્યો છે. આ યોજનાની વિગતવાર માહિતી તથા “Women In Development Cell” દ્વારા કરવામાં આવતી વિવિધ પ્રવૃત્તિની માહિતી કુ. નિહારીકા ડી. લાડ, (લાયબ્રેરીયન) આપી હતી. આ કાર્યક્રમમાં સમારંભના મુખ્ય અતિથિના હસ્તે ઉચ્ચ પરિણામ લાવનાર વિદ્યાર્થીનીઓને ઈનામ આપવામાં આવ્યા હતા.

સંસ્થાના આચાર્યશ્રી એમ.એમ.દાલયાવલ સાહેબે ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીના ત્રીજા સત્રની પરીક્ષામાં બંધી બ્રાંચમાં સમગ્ર ગુજરાતમાં પ્રથમ આવનાર વિદ્યાર્થીની કુ. સપના વર્માની સંપુર્ણ ફી માફીની જાહેરાત કરી હતી. આ સાથે જ શ્રી. એમ.એસ દિનાથ સાહેબે આ યોજના અંતર્ગત સંસ્થાના સ્ટાફ તરફથી રૂ. ૫૧,૦૦૦/- સહાયની જાહેરાત કરી હતી.

સમારંભના મુખ્ય અતિથિ શ્રી દાલીયા સાહેબે આ “તેજસ્વીની” સ્કોલરશીપ યોજનાને બિરદાવી હતી અને તેમના તરફથી આ યોજના માટે રૂ. ૨,૦૦,૦૦૦/- ની સહાયની જાહેરાત કરવામાં આવી હતી.

પધારેલા અન્ય મહેમાનોમાંથી ડો. તૃપ્તી એસ. અલમોલાએ ખાસ બેટી પઢાવો પર ભાર મુકી અન્ય ક્ષેત્રે પણ છોકરીઓ ખુબ આગળ વધે અને સમાજના દુષણો દુર થાય એ વિષે ચર્ચા કરી હતી. તથા શ્રીમતી ભાવનાબેન પટેલે આ યોજનાને બિરદાવતા કહ્યું હતું કે સંસ્થા ફક્ત વિદ્યાર્થીઓ ભેગા કરવા જ આ પ્રવૃત્તિ નથી કરતી પણ એમનામાં રહેલ કૌશલ્ય અને વિશિષ્ટ ક્ષમતાને પણ વિકસાવવા માટે આવી યોજના શરૂ કરે તે ખુબ જ સરાહનીય છે. શ્રીમતી સુલોચનાબેન શાહે પણ બેટી બચાવો, બેટી પઢાવો પર તેમનું મંતવ્ય રજૂ કરી કન્યા કેળવણીને પ્રોત્સાહન આપ્યું હતું. શ્રી રાકેશ ખોપકર સાહેબે આ યોજનાની ખુબ પ્રશંસા કરી હતી અને જણાવ્યું કે જ્યાં જ્યાં ચોકસાઈ અને કાર્યનિષ્ઠાની જરૂર છે તે સર્વે જગ્યાએ છોકરીઓ જ આગળ છે અને તેમણે તેમની કંપનીમાં કાર્ય કરતી મહિલાઓના ઉદાહરણ આપ્યાં હતાં.

વિશેષમાં સંસ્થા તરફથી સેક્રેટરીશ્રી ભાણાભાઈ પટેલે આ યોજનાને વધાવી હતી તેમના તરફથી ઉચ્ચ પરિણામ લાવનાર ચાર વિદ્યાર્થીનીઓને રૂ. ૧૦૦૦/- નું ઈનામ જાહેર કર્યું હતું. તથા સંસ્થાના પ્રમુખશ્રી સલીમભાઈ પટેલે આ યોજનાને બિરદાવી હતી અને કન્યા કેળવણીને પ્રોત્સાહન આપ્યું હતું. અંતમાં શ્રીમતી એસ.એસ.મુલતાનીએ આભારવિધી કરી સૌનો સંબોધ્યા હતાં. કાર્યક્રમની પુર્ણાહૂતિ રાષ્ટ્રગીતથી કરવામાં આવી હતી.

“તેજસ્વીની” સ્કોલરશીપ યોજનાના આકર્ષણો (આ યોજનાનો મેરીટમાં આવનાર પ્રથમ પાંચ વિદ્યાર્થીનીઓને લાભ મળશે)

- (૧) એસ.એસ.સી. માં ૭૫% કે તેથી વધુ (મુખ્ય વિષયોમાં) આ સંસ્થામાં પ્રવેશ મેળવતી વિદ્યાર્થીનીઓને પ્રથમ વર્ષની (પહેલા બે સેમેસ્ટર) તે સમયની ટ્યુશન ફી (કોલેજની સત્ર ફી)માં ૫૦% ની રાહત.
- (૨) એસ.એસ.સી. માં ૬૦% કે તેથી વધુ (મુખ્ય વિષયોમાં) આ સંસ્થામાં પ્રવેશ મેળવતી વિદ્યાર્થીનીઓને પ્રથમ વર્ષની (પહેલા બે સેમેસ્ટર) તે સમયની ટ્યુશન ફી (કોલેજની સત્ર ફી)માં ૨૫% ની રાહત.
- (૩) પ્રથમ સેમેસ્ટરમાં ૮.૫ CPI સાથે પાસ થનાર વિદ્યાર્થીનીને ત્રીજા સત્રની ફીમાં ૫૦% ની રાહત.
- (૪) બીજા સેમેસ્ટરમાં ૮.૫ CPI સાથે પાસ થનાર વિદ્યાર્થીનીને ચોથા સત્રની ફીમાં ૫૦% ની રાહત.
- (૫) ત્રીજા સેમેસ્ટરમાં ૮.૫ CPI સાથે પાસ થનાર વિદ્યાર્થીનીને પાંચમા સત્રની ફીમાં ૫૦% ની રાહત.
- (૬) ચોથા સેમેસ્ટરમાં ૮.૫ CPI સાથે પાસ થનાર વિદ્યાર્થીનીને છઠ્ઠા સત્રની ફીમાં ૫૦% ની રાહત.

આ ઉપરાંત રાજ્ય સરકાર દ્વારા તથા અન્ય સંસ્થા દ્વારા આપવામાં આવતી વિવિધ શિષ્યવૃત્તિનો પણ વિદ્યાર્થીનીઓ લાભ લઈ શકે છે.

નોંધ :- જે વિદ્યાર્થીનીઓ સરકાર દ્વારા આપવામાં આવેલ ફી માફીનો લાભ લીધો હશે તેઓને આ યોજના હેઠળ સહાય મળશે નહીં.

બેટી બચાવો, બેટી પઢાઓ...



The Programme

The English language Programme is being developed on the Common European Framework of Reference (CEFR) which is as follows:

COUNCIL OF EUROPE LEVELS

C2 (ALTE 5)

C1 (ALTE 4)

B2 (ALTE 3)

B1 (ALTE 2)

A2 (ALTE 1)

A1 (ALTE BREAKTHROUGH)



A.Y. Dadabhai technical institute (polytechnic), Kosamba, dist. Surat has started official center for "SCOPE" (Society of creation of opportunity through proficiency in English) in association with zonal partner of SCOPE, Bardoa on 19/01/2015.

The society for creation of opportunity through proficiency in English (SCOPE) has been setup by the government of Gujarat to build English language proficiency in the youth of Gujarat there by provide employment opportunities for the youth.

The institute has started this center with the objective of training the youth in business English & in turn to provide them opportunities of gainful employment.

On the occasion of inaugural function of the "SCOPE" center, Mr. Rajesh Nambiar (Dist Partner ACT SCOPE) & Mrs. Sofiya Badri (Dist. Co-ordinator) were remain present & guide the students/youth about the methods adopted by the "SCOPE". They also assure the students, they will be easily talk in English after completion of module on the occasion principal of the institute. Mr. M.M. Dalchawal sir also motivate the students & explain the importance of English language in today's era. Mr. Umang Desai & Mr. Ritesh Patel of mechanical engineering department are the center co-ordinators. At present two batches (40 + 40) of mechanical engineering are enrolled but in future institute has planned for all students of all five branches.

Institute wants to keep going with the slogan,

"Let's learn English and keep pace with the world."

"Traffic Awareness & Self Defense" Programme On 10th March – 2015

"Udaan – Women In Development Cell" of A.Y.Dadabhai Technical Institute, Kosamba has organized a programme on "Traffic Awareness & Self Defense" with the help of Police Department, Kosamba as a celebration of International Women's Day on Tuesday, 10th March, 2015.

Mr. Vijaybhai Choudhari, LIB, Kosamba Police Department and Mr. O. P. Singh, M.D. of SSBOSS Security Services are the honorary guest of this programme.

The Programme was started with Prayer presented by girls students of Institute. After that the programme followed by Welcome of Guest by Principal Sir Mr. M. M. Dalchawal.

Traffic on road is a major problem of today's life. And it is increase day by day as the population increase. As a solution of this problem Traffic Awareness is an important part for the human being. Also in everyday life ladies or girls who are working or studying are facing many problems to go oversight alone. And many of them do not know about self protection or self defense. To solve this major question in routine life we organized this programme to aware girls students and ladies staff members.

In view of this programme Mr. Vijaybhai Choudhari has given information about Traffic Awareness in detail and explains rules and regulations about traffic. Then Mr. O. P. Singh has given lecture on Self Defense. Also practical session on Self Defense held by Mr.Singh and his assistant. They show us easy methods for self protection.

At the end of programme Ms. Farnaz Shaikh gave vote of thanks. Ms. Sneha More anchor whole programme. We conclude our programme with National Anthem.

JAI HIND



prakash - 2015

PROJECT EXHIBITION CUM COMPETITION

A REPORT

A Project Exhibition cum Competition was held on 25th March 2015 with participation of final year students from all branches.

Prominent jury members from the field of academic as well as industry were invited to evaluate the effort put-up by students in the form of Projects. Two jury members per branch were invited as judge.

The event started at 10:00 am, with all jury members after taking a glance at all projects, had a through interaction with members of participant groups for evaluation as per evaluation sheet.

JURY MEMBERS

SR. NO.	NAME	DESIGNATION	INSTITUTE/ ORGANIZATION	BRANCH
1	Ms. Avni Katariwala	Lecturer	STBS Polytechnic, Surat	Civil Engg.
2	Mr. Pankil Shah	Architect	Self Employed at Surat	
3	Mr. R. J. Patel	I/C HOD	N. G. Patel Polytechnic, Bardoli	Computer Engg.
4	Mr. K. C. Patel	Senior Software Developer	Opus Technologies, Surat	
5	Mr. V. J. Patel	Lecturer	Dr. S. S. Gandhi College, Surat	Electrical Engg.
6	Mr. V. K. Patel	HOD	N. G. Patel Polytechnic Bardoli	
7	Mr. A. D. Savani	I/C HOD	STBS Polytechnic, Surat	E&C Engg.
8	Mr. N. P. Patel	I/C HOD	Bhagwan Mahavir Poly. Surat	
9	Mr. S. Muralikrishnan	General Manager, Operations	Brakes India Ltd, Jhagadia	Mechanical Engg.
10	Mr. K. H. Patel	I/C Principal	Govt. Polytechnic, Navsari	

PARTICIPANT DETAILS

SR. NO.	DEPARTMENT	SEMESTER	GROUP PROJECTS	STUDENTS
1	CIVIL	6th	03	52
2	COMPUTER	6th	13	39
3	ELECTRICAL	6th	10	58
4	E&C	6th	8	46
5	MECHANICAL - A&B	6th	21	99
	TOTAL		55	294



Civil Engineering project



Computer Engineering Project Evaluation by Jury Members



Electrical Engineering projects Evaluation by Jury Members



E & C Engineering Project Evaluation by Jury Members



Mechanical Engineering projects Evaluation by Jury Members



Mechanical Engineering Projects evaluation by Jury

EVALUATION RESULTS

SR. NO.	PROJECT TITLE	RANK	DEPARTMENT
1	Development of A.Y.D. Campus	1	CIVIL
2	Development of Village - Kumbhari	2	
3	Development of Village - Dadhal	2	
4	Online Restaurant Management System	1	COMPUTER
5	School Management Information System	2	
6	Home Made Air Conditioner Run Using both Solar Power & AC Mains	1	ELECTRICAL
7	Synchronising by Synchroscope	2	
8	Home Automation using Android	1	E&C
9	TV Remote as a PC Mouse	2	
10	Push Type Vertical Broaching Machine	1	MECHANICAL - A&B
11	Vaccum Lifter	2	
12	Vertical CNC Milling Machine	3	
13	Wind Mill Pump	3	

All winners were rewarded with cash prize along with appreciation certificates. All participants were encouraged with participation certificates.





"prakalp" is an informatics project competition organized by A.Y. Dadabhai Technical Institute, (Polytechnic) Kosamba, to encourage young people to apply their imagination, their passion, and their creativity to technology innovations that can make a difference in the world today.

The competition is not just about promoting academic excellence however it also serves to promote intercultural co-operation through the involvement of students and faculties.

The competition is designed to recognize and reward outstanding students projects and high light the importance of engineering design & problem solving

Civil Engg. Department

A.Y. Dadabhai Technical Institute is very keen to develop competitive skills among students. There are number of programs arranged for students to develop extravagant skills in each students by civil engg. Department.

To nourish competitive skills among students , On 25th March 2015, At Institute Level Project Exhibition cum competition arranged for final year students under the name of "**Prakalp: passion creates opportunity**". Following are overview of total number of Participating team who send their respective titles of Projects.

Team No.	Title of Project
1	Development of A.Y.D Campus
2	Development of the village "Dadhal"
3	Development of the village "Kumbhari"

Management of the Institute has given total fund to arrange this Event, this has encouraged every student to participate in this Event at Zero Entry Fees. Students has actively participated in this competition and represent their innovative idea to the judges.

Civil engg. Department has invited two judges for the evaluation of these various Project Mr. Pankil shah., self employer (Architect) At. Surat and Mrs. Avni Katariwala lecturer in civil engg, dept S.T.B.S. College surat Department had evaluated each and every project based on Innovation, Creativeness and Feasibility of particular project in real world. After concluding all criteria of Projects Winner and runners up Team is decided. Following is the detail of Result of Event.

Winner Team	Development of A.Y.D Campus
Runners Up Team	Development of the village "Dadhal" & "Kumbhari"

Glimpse of the Event :-



Model of Development of A.Y. Dadabhai Technical Institute, Kosamba Campus



Project Team of Development of Village, Dadhal.



Project Evaluation By Jury



Winners-up Of The Competition



Runners-up Of The Competition

Computer Engg. Department

1st Rank

Online Restaurant Management System

ABSTRACT

Online Restaurant management system is the next generation web application and mobile app. This application will help to good restaurant which has advanced customers. Managers can easily keep records of all day to day activity of the restaurant. Managers can also generate useful reports for effective management of restaurant. Customer can also book preferred table, preferred menu in advance by mobile anywhere anytime.

Student Name

En. No :- 126010307012, Kathiriya Ankit

En.No :- 126010307030, Gohil Pratik

En.No :- 116010307056, Rathod Himanshu

Guide Name :- Vijay M Patil



2nd Rank

Online School Management System

ABSTRACT

"School Management System" is the software that automates the processes taking place for the maintenance of the fees details, student's personal details and school details. The software has the interface for adding, editing and deleting the student details such as their GR No, names, roll numbers, class etc.

The software automates the process of maintaining fees of the students in each term. The software produces reports for the performance of each student, and the overall performance of the class. The software would also have the facility to compare the results of the examinations.

Student Name

En. No :- 126010307001, Mulla Suleman

En.No :- 126010307035, Dudha M. Ismail

En.No :- 116010307041, Bholat Pervez

Guide Name :- Abdullah Hans

E & C Engg. Department

"HOME AUTOMATION USING ANDROID"

We have given rise to a Personal Area Network in home environment, where all these appliances can be interconnected and monitored using a single controller.

This project demonstrates a simple home automation system which contains a remote mobile host controller and several client modules. The client modules communicate with the host controller through a wireless device such as a Bluetooth enabled mobile phone, in this case, an android based Smart phone.

We got the First Prize in E & C Project under competition **"PRAKALP-2015"**.



TEAM MEMBERS

PATEL VIRAL

PATEL PRAGNESH

BHARTI JAYPAKASH

YADAV MANISH

GOHIL GHANSHYAM

KHANSAHEB FARHAT

GUIDED BY : Mr. AVESH CHAMADIYA

E & C Engg. Department

"TV REMOTE AS A PC MOUSE"



In this modern age, we are using different remote control for controlling different electronic devices. But everyone in this world wants to operate the different devices with the help of one remote control. For this purpose we use the micro controller.

This project is an implementation of RC5 protocol remote reception on an 8051 micro controller. The received code is decoded and sent it to the PC IR remote software written in Visual Basics via serial communication. Then it will be processed in the PC remote software. The cursor position is moved according to the keys pressed. There are two modes of operation one is as mouse control by a TV remote.

We got 2nd prize in E&C projects under completion of "**PRAKALP-2015**".



TEAM MEMBERS

SHAIKH SHANA.
PATEL HARSH.
VYAS KRISHNA.

MISTRY JAY.
DUNYA AFROJ.
OTLAWALA ADIL.

GUIDED BY: Mr. M.M. KAGDI

Electrical Engg. Department

A Home Made Air Conditioner Run By Using Both Solar Power And Ac Mains (1st Prize)

ABSTRACT

As now a day's climate changes rapidly and the hot climate is increasing further and further, and also the diseases related to it increases further and further, the requirement of air conditioner is necessary to all. But the prices of air conditioner are much more. So, it is not affordable to many people like middle class family to buy the air conditioner.... As per this situation we are focusing on that matter and so we will decide to make a project on "A HOME MADE AIR CONDITIONER RUN BY USING BOTH SOLAR POWER AND AC MAINS" which is very economical and have ability to fulfill the all requirement of normal air conditioner system.



Synchronizing By Synchroscope (2nd Prize)

ABSTRACT

Synchronizing a generator to the power system must be done carefully to prevent damage to the machine and disturbances to the power system. Traditionally, power plants include a synchronizing panel to indicate what adjustments the operator should make to the governor and exciter and when it is acceptable for the operator to close the breaker. In many cases, the process is automated using an automatic synchronizer with manual control available as a backup. In power plants with more than a single generator or installations with multiple synchronizing breakers, complicated synchronizing circuits with many contacts are required to switch the voltage transformer (VT) and control signals between the operator controls and the high-voltage equipment. Maintaining proper isolation and safety grounding of sensing and control circuits often requires the use of problem-prone auxiliary relays and VTs. Today, protective-relay-grade microprocessor devices can significantly improve manual and automatic synchronizing systems. This paper discusses how this technology can simplify synchronizing circuits to reduce cost, improve reliability, and easily accomplish complete integration, automation, and remote control of the system.



Mechanical Engg. Department

1st Rank

Push Type Vertical Broaching Machine

ABSTRACT

- The purpose of this project (Push Type Vertical Broaching Machine) is to make slot for keyway in pulley (internal).
- In Industries to require the easy and user friendly machinery and the production point of view produce the product in less time and less effort.
- Also it is operated easily with long service life and it is also economical.
- Our project is based on all these aspects and to produce slots from this broaching machine which is operated manually with the help of hydraulic jack.
- This machine works on purely mechanical principle and maximum utilization of mechanical power.

Student Name

En. No :- 126010319005, Nakrani Darshan D
En.No :- 126010319015, Patil Dipesh J.
En.No :- 126010319021, Kosamiya Rishiraj H.
En.No :- 126010319027, Makwana Jay P.
En.No :- 126010319037, Kosamiya Yuvraj D.
En.No :- 126010319043, Amit S. Bhuvra

Guide Name

Maulik.S. Khalasi



Mechanical Engg. Department

2nd Rank
Vaccum Lifter

ABSTRACT

- There is need of lifting the metal, tiles kota and automobile parts.
 - To ensure less production time and labour cost. This machine is suitable. This machine have low capital cost so small unit can easily buy it.
 - This machine consist of pneumatic cylinder, and various sensitive parts.
 - This machine has flexibility, productivity and quality an attribute its eco-friendly and doesn't consume extra supply.
 - It can be easily power assembled in BRIDGE CRANE.
- World is rising towards new era of complete automation and any firms can using benefit of it.
- The goal is to bring automation in small and micro Industries within their economy.

Student Name

En. No :- 126010319016, Khunt Mehul
En.No :- 126010319042, Singh Abhishek M.
En.No :- 136018319003, Gohil Naran
En.No :- 136018319009, Mistry Yatin
En.No :- 136018319010, Satote Pravin

Guide Name

P.J. Surti



Mechanical Engg. Department

3rd Rank

Vertical CNC Milling Machine

ABSTRACT

Machining is an important process that is used in a wide range of application. In this project we focused on gaining improved machine with economic cost and with efficient accuracy. CNC machine are available in the very high cost, after studying about different CNC machines based on that we proposed a new type of CNC machine with economic manufacturing cost and efficient accuracy. The motivation behind the design and construction of this machine tool is to achieve higher precision in the machining process compared with other costly machines. The main relevant factors that we examined were motor selection, speed, feed, machining, operation and material selection. The extent to which these factors can influence our concept of manufacturing a CNC machine with economic cost and accuracy is present further. Our project establishes a new way to manufacture small parts at economic cost with accuracy.

Student Name

En. No :- 1260103019006, Vaghani Chintan
En. No :- 1260103019010, Goti Asmin
En. No :- 126010319011, Gadhadara Amit
En. No :- 126010319032, Raval Ajay
En. No :- 126010319045, Patel Maitik
En. No :- 136018319004, Bhatiya Vishal

Guide Name

J.R. Shah



Mechanical Engg. Department

3rd Rank Wind Mill Pump

ABSTRACT

Wind is an indirect source of solar energy. The energy of the wind is transferred to the windmill's sails where it is harnessed to perform work. Wind flow through the horizontal axis wind turbine, it creates a rotary motion of turbine. Turbine mainly consist three wings made of PVC material, it rotates in horizontal axis with help of axel supported on bearings. Whole unit supported by wooden block which can rotate on vertical pipe made of galvanized iron. Yaw mechanism is made of plywood which rotates a turbine in direction of wind.

With the axel crank mechanism is prepared to transmit power from top to bottom to pump, crank mechanism gives reciprocating motion to the pump rod which sucks water and delivered it continuously in a discharge tank.

Our project is a non-polluting and environment friendly device. Since it is made of commonly available materials and it is affordable to common people. It requires less maintenance and minimum input energy is required to get the maximum output of water. This device can be transported easily from one place to another.

Student Name

En. No :- 126010319082, Dunya Mo. Shahid S.
En. No :- 126010319108, Patel Jignesh D.
En. No :- 126010319110, Parmar Sagar V.
En. No :- 126010319124 Suratiya Narendrasinh F.

Guide Name

Y.A. Sakpal



REPORT ON INTER DEPARTMENT QUIZ COMPETITION-2015

This year we have organized the inter department quiz competition under the name “Prakalp 2015-passion creates opportunity” on the 25th march 2015. The entire program was organized at seminar hall of A.Y. Dadabhai Technical Institute (Polytechnic) Kosamba.

Total **five** department students were participated in the quiz competition. The program was started at 8:30 am. By welcoming our principal **Mr. M.M DALCHAWAL** and chief guest **Mr. Murlikrishanan** (General manager of brakes India Ltd). who was the present in entire quiz competition. The competition was to judge by the four jury members. Mr. Vijay Patil and Mr. Umang Desai gave the opening speech and they introduced the quiz competition rules and regulation to the students. The competition contains three main rounds as mentioned below.

- First round (**play or pass**)
- Second round (**rapid response**)
- Third round (**look &listen**)



For this competition we have to decide three member for the each team and there are total 78 team participated from the different department. Following are the details

NO	DEPARTMENT	2 ND SEM	4 TH SEM	TOTAL
1	CIVIL	18	15	33
2	COMPUTER	5	10	15
3	ELECTRICAL	6	6	12
4	E & C	-	5	5
5	MECHANICAL	6	7	13
				TOTAL = 78

Finally we have qualify the 11 team from 78 participated team for final round by arranging the inter dept. competition of respective department.

NO	DEPARTMENT	2 ND SEM	4 TH SEM	TOTAL
1	CIVIL	1	1	2
2	COMPUTER	1	1	2
3	ELECTRICAL	1	1	2
4	E & C	-	1	1
5	MECHANICAL	2	2	4
				TOTAL=11

➤ **FIRST ROUND :**

In Play or pass round five direct questions were asked to each team. for the right answer positive 10 point and wrong answer negative 5 point. If the question were not answered by the team. It will be passed to second team

➤ **SECOND ROUND :**

In the second round for the each team 15 question were asked rapidly and they have to ans it in 90 seconds. If the answer is wrong than negative 5 point for the team was deducted. If these question do not attempt then it will be passed to the audience.

➤ **THIRD ROUND :**

Third round is audio-visual or look & listen round. In this round each team got three Images and two audios to answer. If the answer is wrong than negative 5 point deducted and right is positive 10 points given. And questions get passed the audience if not attempted.

Finally completing all the round and we have following winner and runner up in 2nd and 4th semester students.

❖ List of 4th semester student winner and runner up in quiz competition.

NO	NAME	DEPARTMENT	REMARK
1	SHAIKH AZHARUDDIN	MECHANICAL	WINNER
2	SHAIKH MAISH	MECHANICAL	WINNER
3	SHARMA HIMANSHU	MECHANICAL	WINNER
4	KATARIYA JAY	MECHANICAL	RUNNER UP
5	KATHORATIYA BHARGAV	MECHANICAL	RUNNER UP
6	KHER YUVRAJ	MECHANICAL	RUNNER UP



❖ List of 2nd semester student's winner and runner up in quiz competition.

NO	NAME	DEPARTMENT	REMARK
1	DEWANGIRI MUZAMMIL	ELECTRICAL	WINNER
2	PATEL CHINTAN	ELECTRICAL	WINNER
3	MOTALA AYAZ	ELECTRICAL	WINNER
4	TAPU SUFIYAN	COMPUTER	RUNNER UP
5	KAGZI MO.FAIZAN	COMPUTER	RUNNER UP
6	DESAI MO.SAAD	COMPUTER	RUNNER UP



The winner and runner up student were given a small gift and certificate by our principal **Mr. M.M Dalchawal** and chief guest **Mr. Murlikrishnan**.

At the end of the program our principal **Mr. M.M DALCHAWAL** gave inspiration and motivational speech to all participated and our staff joining in this quiz competition and making it a great success.





REPORT ON CAMPUS INTERVIEW



A.Y. DADABHAI TECHNICAL INSTITUTE, KOSAMBA

TRAINING AND PLACEMENT CELL

Date: 30th December, 2014

- ❖ **DEPARTMENT PARTICIPATED:**
 1. Electrical engineering
 2. Electronics & communication Engineering

- ❖ **UNDER THE GUIDANCE OF:**

MR. M. M. Dalchawal (Principal)

- ❖ **FACULTY INVOLVED:**
 1. Mr. D. G. Kalathiya (Head of T&P)
 2. Mr. R. R. Chaudhari
 3. Mr. M. A. Sheikh

- ❖ **COMPANY REPRESENTATIVE:**
 1. Jitendra Gurjar (HR Manager)
 2. Dharmesh Jadav (HR Executive)

- ❖ **STUDENTS PARTICIPATED:**

1. Electrical Engineering department	: 13
2. Electronics and Communication department	: 10
Total	: 23

- ❖ **COMPANY :**

GOLDI GREEN TECHNOLOGIES PVT. LTD.

- ❖ **ABOUT COMPANY:**

The Goldi Green Technologies Pvt. Ltd. (a part of Goldi Group, Gujarat, India) has set up state of Art PV module manufacturing Facility with capacity of producing 100MW PV Modules per annum. They produce quality modules with highest efficiency. They manufacture modules in wide range from 3Wp to 300Wp using multi crystalline cells. They are also famous for the design, dedication, innovation, quality, technical skill in solar industries. They also offers services like engineering, procurement and construction of grid connected solar power plant, roof top power plants, solar street lights and solar water pumps.



COMPANY VIEW

❖ **SUMMARY OF CAMPUS INTERVIEW**

We have organized campus interview for the pass out students of electrical engineering and Electronics and Communication Engineering Department on 30th December 2014 at Seminar Hall of A.Y. Dadabhai technical institute, kosamba.

All the Department heads along with Principal Mr. M. M. Dalchaval attended felicitation & introductory session. Total 23 students participated in this campus interview process.

The company HR Jitendra Gurjar gave brief introduction about the company to the students & shown video about the process of manufacturing of solar PV modules.

After the introductory session, the process of personal interview of students by HR representatives of company was conducted.

Out of 23 students 12 were short listed for final interview at company premise.

8 students were selected & given final job offer.



← **INTRODUCTORY SESSION**



STUDENTS PARTICIPATED →



← **COMPANY INTRODUCTION BY HR**



MOMENTS OF INTERVIEW →



GTU INNOVATION COUNCIL



(Ankleshwar-Bharuch Innovation Sankul)

GTU INNOVATION CLUB

at

A.Y. DADABHAI TECHNICAL INSTITUTE, KOSAMBA

Website : www.aydadabhaitech.org Email : aydtech@yahoo.com

Report On Shodhyatra-2014

The Initiative taken by GTU Innovation council in year 2011 to integrate academia and industry for the final year project work, so in this regard to approach industry for ShodhYatra, NOC given to all final year students. We have made every effort to place our 307 students of final year from every discipline for ShodhYatra to nearby industries for the 2 weeks duration after completion of 4th semester GTU exams in the month of June.

This exercise will groom students with industrial environment and know about industrial needs. During this ShodhYatra faculty coordinators of every discipline also visited the industry to guide the group of students. All the students were given a log book to note down their daily activities & identified problem summary with duly signed by industry coordinator. After completion of ShodhYatra, faculty coordinators have checked log books & discussed with every group of student regarding feasibility of IDP based project.

We would like to thank all industrial fraternity for their over whelming response & allowing our students in their industry for ShodhYatra.

This exercise is a collective effort of GTU Innovation Club, HODs & all faculty members of our college. All have been very much enthusiastic to support and work together to guide the students. Our Principal also Director (Diploma Engg.), along with GTU Innovation Sankul - Bharuch-Ankleshwar took a keen interest & played active role in guiding all along for the activity.

SUMMARY OF SHODHYATRA:

SR. NO.	BRANCH	NO. OF STUDENTS	NO. OF INDUSTRIES	INDUSTRIES/ORGANIGATION
1	Civil Engg.	46	12	Mamlatdar(Mangrol), Talati(Kosamba), Krupa Engg, Sarpanch(Kumbhari), Architect(Surat), SDCA(Surat)
2	Computer Engg.	34	5	Opus Technologies (Surat), Beep Info Solution (Surat), Microsys (Surat), Risav Group (Kosamba)
3	E&C Engg.	49	12	Surat FM(Surat), Piramal Glass(Kosamba), Sangam Electronics(Surat), Videocon(Bharuch), Saher Technologies(Surat), Cadila(A'war), Philips Carbon(Palej), Sugar Factory(Pandvai)
4	Electrical Engg.	61	20	Kay Pee Corporation(Surat), Piramal Glass(Kosamba), Birla Cellulosic (Kosamba), Enzal Chemicals, DGVCL(Bharuch), Pragati Glass (Kosamba), Gulshan Polyols(Jhagadia), Omnova Solutions(Valia)
5	Mechanical Engg.	117	45	GNFC(Bharuch), ABC Bearings(Bharuch), Sugar Factory(Sayan), Wockhardt (A'war), Navin Fluorine(Surat), J.B Industries(Surat), Welspun(Dahej), Himson(Kim), Piramal Glass(Kosamba), Fivebros Forgings(A'war), GIPCL (Naninaroli), Lifebond m/c(Surat), NTPC(Kawas), ONGC(A'war), Sugar Factory(Pandvai), KA Malle Pharma(A'war), Godrej(Valia), Shivam Engg (Surat), Birla Cellulosic(Kosamba), Tema India (Panoli)



Seminar Report

On

IOS APPLICATION DEVELOPMENT FUNDAMENTALS

28th August 2014, Thursday (9:00 A.M to 2:00 P.M)

Mobile and Wireless Technologies Club (MWTC) at A.Y.Dadabhai Technical Institute, Kosamba is continuously thinking to aware students about latest trends in mobile and wireless technology. Therefore we plan in every semester about the Seminar, Workshop or Expert Talk in our Institute. We, the Team of MWTC had organized an Expert Talk on "IOS APPLICATION DEVELOPMENT FUNDAMENTALS" on 28th August 2014.

As We all know about the Apple, The Biggest Brand in mobile World. In Apple Mobile there is IOS. IOS Operating System is offered by Apple. The Apps in IOS is Different than the Android Apps. Therefore as a Computer Engineering Student, One must know about IOS Technology. The seminar was aimed for the same to provide knowledge about IOS basics, Cocoa framework and IOS components to the Students.

The workshop was started at 10:00 A.M. on 28th Aug 2014, Saturday. Mr.Neeraj Agnihotri, Team Lead of IOS Development from TOPS TECHNOLOGIES, Surat gave knowledge about IOS Technology & IOS App fundamentals. Almost 105 students from Computer Engineering Department have participated in seminar.

Mr. Neeraj Agnihotri has focused on many Aspects of IOS Technology which are the unfamiliar terms Among Students Till Date. He shared the Amazing History of IOS & Difference of it from android among Students. He told about the advantages of IOS over android. The name given to the versions of IOS is numeric pattern. He enlightens the features of latest IOS which is version 8 and it is the biggest IOS Upgrade in Apple's History.

After that he gave the complete idea about IOS Platform Architecture. Then he shared IOS Interface builder & NIB file. He shared the Software Pre-Requisites required to develop IOS Application. He made focus on objective C, which is the core language used develop IOS App. Finally he shows the sample application to the Students.

The flow of the Seminar is as below:

1. IOS Basics: 1.IOS introduction 2.IOS history
2. I Phone Architecture: 1. Core OS 2.Cocoa Framework
3. Platform Component: 1. Interface Builder 2. Nib File 3. View
4. Objective C: 1. Objective C Term 2. Cocoa Touch classes
5. Sqlite Database
6. Video play:
7. Questions & Answers.

Some Snaps of the Seminar:





Seminar Report

On

ANDROID APPLICATION DEVELOPMENT FUNDAMENTALS

22 February 2014, Saturday (10 A.M to 5 P.M)

Mobile and Wireless Technologies Club (MWTC) at A.Y. Dadabhai Technical Institute, Kosamba has organized a seminar on "ANDROID APPLICATION DEVELOPMENT FUNDAMENTALS" on 22nd February 2014. One thing we all know about android is that it is open Source. And Android Operating System is offered by Google. Therefore As a Computer Engineering Student One must know about Android Technology. The seminar was aimed for the same to provide knowledge about Android basics, Android SDK and android components to the Students.

The workshop was started at 10:00 A.M. on 22nd Feb 2013, Saturday. Mr. Krunal, Team Lead from TOPS TECHNOLOGIES, Surat gave knowledge about Android Technology. Almost 105 students from Computer Engineering Department have participated in seminar.

Expert has focused on many Aspects of Android Technology which are the unfamiliar terms Among Students Till Date. He shared the Amazing History of Android OS Version & naming convention among Students. The name given to the versions of Android OS are kept after names of various desserts, sweets and drinks. It is also worth noticing that these names are getting incremented in alphabetical order.

After that he gave the complete idea about Android Platform Architecture. Then he shared Android Component & Process Life cycle of Android Application. He shared the Software Pre-Requisites required to develop Android Application. Finally he shows the sample application to the Students.

The flow of the Seminar is as below:

1. Android Basic: 1. OHA 2.Android Platform 3. Version History
2. Android SDK: 1. Android API 2.Tools 3. Emulator
3. Android Architecture
4. Android Components
5. Process life cycle
6. Sample Application of Android
7. Questions & Answers.



Some
Snaps
of the
Seminar





Report on **FACULTY DEVELOPMENT PROGRAM ON LATEX**

19 March 2014, Wednesday (11:00 A.M to 01:30 P.M)

Open source Technologies Club (OSTC) at A.Y.Dadabhai Technical Institute, Kosamba has organized a Faculty development program on "LATEX-Document preparation tool" on 19th March 2014.

The program was started at 11:00 A.M. In the laboratory of Computer Engineering Department. All the faculty members of various branches were present to attend this FDP. Brief description about LATEX-the document preparation tool is given by spoke persons of The IIT Bombay. They provide some tutorials and guidelines for the better understanding.

After introduction, all faculty members had performed various tutorials like how to prepare report, design tables and writing mathematical equations etc as per guideline. After 1:00 pm there was feedback section taken by the IIT Bombay and faculty members have give their views on LATEX.

After completion of the program, there was lunch organise by the institute for the faculty members.

Some Snaps of the FDP



Drawing Competition on "Swatchh Bharat Abhiyan"



Annual Sports Event

RANBHUMI-2015

A.Y. Dadabhai Technical Institute, Kosamba has Organized 3rd Annual Sports Event *RANBHUMI-2015* during 19th Feb- 2015 to 22 Feb-2015.

RANBHUMI-2015 was held at Campus of A.Y. Dadabhai Technical Institute, Kosamba under the Leadership of **Mr. P.A. Patel** (In charge of Sports committee) and also the co-operation of Sports committee members under the Guidance of Mr. M.M. Dalchawal, Principal of our Institute.

In *RANBHUMI-2015* around 400 students were participated in different games / events like **Cricket, Volleyball, Kho-Kho, Badminton, Chess, Carrom, Table- tennis**. All the games are organized for both Boys and Girls. The whole event was successfully completed by co-ordination of sport committee members, Women in Development committee Members, discipline committee members, canteen committee members and other staff members of institute.

LIST OF PARTICIPATS AND WINNER FOR DIFFERENT EVENT OF *RANBHUMI-2015*

GAME	TOTAL PARTICIPANTS	WINNER
CRICKET BOYS	16 Teams	Mechanical Engineering Department (2 nd sem B-Division)
CRICKET GIRLS	04 Teams	Civil Engineering Department
VOLEYBALL BOYS	16 Teams	Civil Engineering Department (4 th sem)
KHO-KHO BOYS	08 Teams	Civil Engineering Department (4 th sem)
KHO-KHO GIRLS	04 Teams	Civil Engineering Department
BADMINTAN BOYS	80	GHARIYA TAPANSINH (Electrical Engg. Department 6 th Sem)
BADMINTAN GIRLS	42	PATEL ROZMINA (Civil Engg. Department 6 th Sem)
CARROMBOYS	78 Pairs	SURATI ISMAIL & SINGH ANKIT (Civil Engg. Department 4 th Sem)
CARROMGIRLS	23 Pairs	PATEL ROZMINA & VASAVA ANKITA (Civil Engg. Department 6 th sem)
CHESS BOYS	56	KAPADIYA MO.HUSAIN (Electrica Engg. Department 6 th Sem)
CHESS GIRLS	05	PATEL ROZMINA (Civil Engg. Department 6 th Sem)
TABLE -TENNIS BOYS	17	CHAUHAN PARTH (Electrical Engg. Department 6 th Sem)

Prize distribution program and closing ceremony of *RANBHUMI-2015* is arranged on 22nd Feb- 2015 at 12:00 pm. On 23th Feb-2015 Staff event are also organized for different games.

WINNER OF CRICKET (BOYS)

**Mechanical Engineering Department
(2nd sem B-Division)**



WINNER OF CRICKET (GIRLS)

Civil Engineering Department



WINNER OF VOLLEYBALL(BOYS)

**Civil Engineering Department
(4th sem)**



WINNER OF TABLE TENNIS (BOYS)

**CHAUHAN PARTH
(Electrical Engg. Department-6th Sem)**



WINNER OF KHO-KHO(BOYS)

Civil Engg. Department (4th sem)



WINNER OF KHO-KHO(GIRLS)

Civil Engineering Department



WINNER OF BADMINTAN(BOYS)

GHARIYA TAPANSINH

(Electrical Engg. Department-6th Sem)



WINNER OF BADMINTAN (GIRLS)

PATEL ROZMINA (Civil Engg. Department-6th Sem)



WINNER OF CARROM (BOYS)

SURATI ISMAIL & SINGH ANKIT

(Civil Engg. Department-4th Sem)



WINNER OF CARROM(GIRLS)

PATEL ROZMINA & VASAVA ANKITA

(Civil Engg. Department- 6th sem)



WINNER OF CHESS (BOYS)

KAPADIYA MO. HUSAIN

(Electrica Engg. Department-6th Sem)



WINNER OF CHESS (GIRLS)

PATEL ROZMINA

(Civil Engg. Department-6th Sem)



MOMENTS OF PRIZE DISTRIBUTION



Various Activities

Career Awareness Programme



व्यावसायिक डिप्लोमा अभ्यासक्रम	
क्र.सं.	अभ्यासक्रम
१	कार्य प्रशासक
२	व्यक्तिगत प्रबंध
३	वित्तीय डिप्लोमा
४	पर्यावरण प्रबंध
५	इंजीनियरिंग डिप्लोमा
६	मार्केटिंग प्रबंध
७	मनोवैज्ञानिक प्रबंध
८	संस्कृत प्रबंध
९	संस्कृत प्रबंध
१०	संस्कृत प्रबंध
११	संस्कृत प्रबंध
१२	संस्कृत प्रबंध
१३	संस्कृत प्रबंध
१४	संस्कृत प्रबंध
१५	संस्कृत प्रबंध
१६	संस्कृत प्रबंध
१७	संस्कृत प्रबंध
१८	संस्कृत प्रबंध
१९	संस्कृत प्रबंध
२०	संस्कृत प्रबंध

Motivational Programme by Dr. Shashikant Shah



Various Activities

Orientation Programme 1st Sem. 2014



Student Training Programme on Software Blander under OSTC



68th Independence Day

15-08-2014

Our auspicious national festival 15th August, the Independence Day is celebrated in A. Y. Dadabhai Technical Institute, Kosamba (R.S.). The ceremony is started with the flag hosting by our honorable chief guest Mr. Yusufbhai Patel with memories of our national heroes and freedom fighter.

The function was moved ahead with national anthem followed by Vande Mataram song sung by all staff and student. Poverty, corruption, illiteracy, population increment etc points were discussed by the mechanical student with the help of Ravindranath Tagore's speech. Another student was speaking about the true freedom. Is it true freedom, in which we live? He raised a question. One another girl student was speaking about the girl child, their literacy, and their safety, their reputation in the village, city, state and country.

Mr. Mahesh Kataria, Lecturer in mechanical engg. Department also spoke about the current situation of education and life.

At last, our chief guest Mr. Yusufbhai Patel gave some motivational quote and inspired us.

Finally the festival was conclude with vote of thanks by Mr. Matin Kapadia with lots of memories of our freedom fighter their contribution in our freedom and patriotism induced by them in us



“ચાલો કોલેજ જઈએ”

06/08/2014

“ચાલો કોલેજ જઈએ” is the series of Pravesh Utsav – 2014 for different colleges, and as a part of GTU, we have also celebrated the same in the presence of honorable chief guests Mr. J. I. Patel (I/C HOD, Electrical Engg. Department, GEC, Surat) and Mr. J. B. Sharma (I/C HOD, Applied Mechanics Engg. Department, GEC, Surat) on 06/08/2014 at campus of A.Y. Dadabhai Technical Institute, Kosamba (R. S.).

Function was started with the prayer followed by lamp lightening ceremony conducted by guests and principal. As a month of independence, the august, program also had a patriotic song by student of civil engineering department.

Mr. M. M. Dalchawal, Principal, had given the brief introduction of college, along with intake of college in each branches and performance of college in GTU in academic as well as sports and cultural events aspect.

Two scholar students had achieved a milestone in the 6th sem. GTU summer examination – 2014, one from Civil engineering department, Mr. Denish ranked 2nd in GTU and other from Electronics communication engg. Department, Mr. Salman ranked 5th in GTU examination were aggravated with the award by the chief guest.

Students have seen a motivation film by Department of Higher Education, Gujarat. “SANKALP” of taking part in the activities like SAPTDHARA, UDISHA, and SCOPE etc was taken by the fresher student.

Function was concluded with the national anthem at last.

Report on 66 Republic Day

A national festival, “26th January, Republic Day” was celebrated with gracefully and with a memory of our freedom fighters in A. Y. Dadabhai Technical Institute, Kosamba (R. S.).

On this day, our honorable trustee Shree Yusufbhai Patel have hosted the flag, which was followed by National Anthem and National song by all staff member and all students as well who were present to celebrate our auspicious festival.

One of our students Ms Varma Sapna has told about the growth of India in current time while the other student Ms Neha Parmar has told about the current problem which is like obstacles in the growth of India as a super power.

Mr. Abdullah Hans have also thrown a light on how can we take part in progress of our country. At last Mr. Yusufbhai Patel have told the growth of India and how an engineer can be helpful to India, helpful to society and helpful to mankind, as our college is a polytechnic college which produces an efficient engineer and also give some idea to improve the status of college. He also told about our freedom fighter and their patriotism for our nation. At last he gave us good wishes of the day.

After the completion of the function, all members were dispersed with sweet memory of the day.

6th APRIL 2014

ANNUAL FUNCTION CUM ALUMNI MEET 2014



A.Y.Dadabhai Technical Institute has witnessed lot of Programs till date. But 6th April 2014 is the most important day in its history because this day will be remembered as only for students Day. It was time for nostalgia; it was time for passed out students to feel their remembrance in institute again. And it was a time for farewell to the final year students.



The A.Y.Dadabhai Technical Institute, Kosamba [R.S] has conducted "ANNUAL FUNCTION" Cum Second Annual Alumni meet named "SANKALAN-2014" on 6TH April 2014. So, On the Precious Day All the Institute Fraternity gave blessings to the Final Year Students for their future ahead and Invite Alumni Students to keep the alumni association's vision "Be United Forever" alive.

The Function Starts with Prayer. After that Mr. Vijay M. Patil has given Introduction of the program.



Our Chief Guest "Shri. Jivrajbhai Patel" welcomed by Trustee Shri.Yusufbhai Felicitates him with a pretty bunch of Flowers and Trustee members and dignitaries on the dais also welcomed & felicitated with a pretty bunch of flowers by Head of various departments.





Then Student from alumni association, Ammar mansuri and student of final year, shahin have exaggerates their happiness to choose this college and shared wonderful journey in this campus.



Mr. Shakir Dinath Head Of Electrical Department wishes great success to final year students of the Institute and Welcomes Alumni Students. Mr.Pranav Patel Head Of Civil Department gave lights to the social activity club "**Setu-Ek Kadi**", Through which College can help the needy and poor people. This shows that A.Y.Dadabhai Technical Institute is not only concerned about educational vision but it enables students and staff members to work for noble cause.



Principal of A.Y.Dadabhai Technical Institute, Kosamba [R.S.] **Mr. M.M. Dalchawal Sir** welcomed alumni and give blessings for final year students for their final exams & ask them to set high future goal, choose excellent a way in rest of the life.

And also encourages alumni students to meet every year and keep the "sankalan" On & on...forever

As like every year Students who secured top 3 positions in respective department are awarded with a medal. Our Chief Guest Shri Jivrajbhai Patel and other dignitaries on the dais gave medal to the students.



After Student Appreciation, the College Annual Magazine "Rahein-2" was launched by Our Chief Guest Shri Jivrajbhai Patel.



After Magazine Launching Our **Trustee Shri Yusufbhai Savavala sir** addressed the audience and emphasized on more and more stronger attention to student discipline. As well as he appreciates the college educational success

The **Vice President** of Suratee Sunni Vohra Muslim Education Society, Surat. **Mr. Salim Patel Sir** addressed the alumni students as well as Final year Students & makes them to aware about the lessons of the entrepreneurship and also shares his experience of being an entrepreneur and how much hard work he had done to be an entrepreneur.





Our Chief Guest Shri Jivrajbhai Patel sir has expressed his feelings about the Program which was excellent. And also he is much delighted with the student's discipline.

Finally he wishes a great success for the Institute's Students, The final year students as well as The Alumni Students.

Mr. M. H. Darsot has given vote of thanks and Annual function ended with a national anthem "Jan Gan Man....."



At the last our Chief Guest Shri Jivrajbhai Patel has inaugurated the new fully furnished Second Seminar Hall of the Institute.



After Annual Function, the alumni student union enjoyed the "Game-show" which attempted to bring on stage a veritable composition on the Dais.

Various Open Platform 1Min. Games like "Blast the Balloons", "Fatafat Food", "catch the ball", "Pyramid Preparation" are played during meet before Lunch. Students from final year also performed "Drama".



Then, came the time for fun, excitement and joy as lot many group games were played. Alumnus enjoyed **“Treasure Hunt”** , **“Tug Of War”** And **“Housee”** with all the alumnus, Final year Students and faculty members to gather where many person have won lot of prizes. Eventually, alumni networking took place and it found many people exchanging their contact details in form of mobile numbers and e-mail ids.

કોસંબાની દાદાભાઈ કોલેજમાં “કરિયર અવેરનેસ” પ્રોગ્રામ યોજાયો

તરસાડી, ગુરુવાર
માંગરોળ તાલુકામાં કોસંબા ખાતે
કાર્યરત ટેકનીકલ સંસ્થા એ.વાય.
દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટમાં
અંદાજીત ૧૦ જેટલી શાળાઓના
વિદ્યાર્થીઓને ડિપ્લોમા ટેકનીકલ કોર્સના
ઉજ્જવળ ભવિષ્ય વિશે તદઉપરાંત
લગભગ ૩૫૦૦ જેટલા વિદ્યાર્થીઓ કે
જેઓ માર્ચ-૨૦૧૫માં આવનાર
(એસ.એસ.સી.)ની પરીક્ષા અંગે
“કરિયર અવેરનેસ
પ્રોગ્રામ” અંગે માર્ગદર્શન
આપવામાં આવ્યું હતું.

કોસંબા દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટમાં સ્કોપની તાલીમ

તરસાડી, મંગળવાર
ગુજરાતનો યુવા વર્ગ અંગ્રેજી
ભાષાને સરળતા પૂર્વક બોલવામાં
નિપુણતા પ્રાપ્ત કરી શકે તે હેતુસર
ગવર્નમેન્ટ ઓફ ગુજરાતના ડિસ્ટ્રીક્ટ
પાર્ટનર એક્ટ સ્કોપનાં રાજેશ નાગ્લીયાર
અને ડિસ્ટ્રીક્ટ કો-ઓર્ડિનેટર દ્વારા
વિદ્યાર્થીવર્ગને વિસ્તૃત માર્ગદર્શન પુરૂ
પાડવામાં આવ્યું હતું. કોસંબાની
એ.વાય.દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ
ખાતે સ્કોપ (સોસાયટી ઓફ ક્રિએશન
ઓપરેચ્યુનીટી ધુ
પ્રોફિસીટાન્સ ઈન ઈંગ્લીશ)
દ્વારા આજનો યુવા વર્ગ
ઔદ્યોગિક અંગ્રેજી ભાષાની
યોગ્ય તાલીમ લઈ અંગ્રેજી
ભાષા ઉપર પૂર્ણ પ્રભુત્વ
મેળવી શકે તે હેતુસર
કાર્યક્રમનું આયોજન થયું હતું.

લસાડ.
૨૦૧૫

કોસંબા દાદાભાઈ ટેકનીકલ કોલેજમાં તેજસ્વી વિદ્યાર્થીનીને સ્કોલરશીપ અપાઈ

કોસંબા: એ.વાય. દાદાભાઈ ટેકનીકલ યુનિવર્સિટીના ત્રીજા સત્રની પરીક્ષામાં
ઈન્સ્ટીટ્યુટ કોસંબામાં તેજસ્વિની પાંચ વ્રાંચમાં સમગ્ર ગુજરાતમાં પ્રથમ
સ્કોલરશીપ યોજનાનું ઉદ્ઘાટન સંસ્થાના આવનાર વિદ્યાર્થીની કુ. સપના વર્માની
પ્રમુખ સલીમ પટેલના અધ્યક્ષસ્થાને કરાયું સંપૂર્ણ ફી માફી જાહેર કરી હતી.
હતું. આ યોજનાથી પ્રભાવિત થઈ એમ.એસ.
સમારંભના મુખ્ય અતિથિ તરીકે ડિનાથ તરફથી રૂ. ૫૧૦૦૦ ની સહાય
લવજીભાઈ દાલીયા (સમાજસેવક) અને આપવામાં આવી હતી.
અતિથિવિશેષ સ્થાને ડૉ. તૃપ્તિ એસ. સમારંભના મુખ્ય અતિથિ દાલીયા
અલમોલા, સમાજસેવિકા ભાવનાબેન સાહેબે આ યોજના માટે બે લાખની
પટેલ, સુલોચના શાહ પિરામલ ગ્લાસના સહાય સંસ્થાને આપી હતી. સંસ્થાના
જનરલ મેનેજર રાકેશ ખોપકર ઉપસ્થિત સેક્રેટરી ભાણાભાઈ પટેલે આ યોજનાને
રહ્યા હતા. આવકારતા કોલેજમાં સર્વશ્રેષ્ઠ પરિણામ
સંસ્થાના પ્રિન્સીપાલ એમ.એમ. લાવનાર ચાર વિદ્યાર્થીનીઓને રૂ.
દાલયાવલે ગુજરાત ટેકનોલોજીકલ ૧,૦૦૦/- નું પુરસ્કાર જાહેર કર્યું હતું.

ઘણકાર

૦૨-૦૪-૨૦૧૫ ગુરુવાર

ગુજરાત સમાચાર

ગુરુવાર તા. ૨૬ ફેબ્રુઆરી, ૨૦૧૫

ટેકનીકલ ઈન્સ્ટીટ્યુટ કોસંબા ખાતે ‘તેજસ્વીની’ સ્કોલરશીપ યોજનાનો પ્રારંભ સમારંભના અતિથિ વિશેષ લવજીભાઈ ડાલીયા દ્વારા બે લાખની સહાયની જાહેરાત

કીમ, તા.૧
એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ, કોસંબા હેઠળ કાર્યરત
Udaan Women in De-
velopment Cell અંતર્ગત
'તેજસ્વીની' સ્કોલરશીપ યોજનાનો
ઉદ્ઘાટન સમારંભ સંસ્થાના પ્રમુખ
સલીમ પટેલના અધ્યક્ષપદે તા.૧
એપ્રિલ શનિવારના રોજ યોજવામાં
આવ્યો હતો.
આ સમારંભમાં મુખ્ય અતિથિ
તરીકે લવજીભાઈ ડાલીયા (સમાજ
સેવક અને જાણીતા બિલ્ડર) અને
અતિથિ વિશેષ તરીકે ડો. તૃપ્તિ એસ.
અલમોલા, (ઈન્ચાર્જ ડાયરેક્ટર
નર્મદા કોલેજ ઓફ મેનેજમેન્ટ)
હરીશભાઈ પરવડીયા, (સમાજ
સેવક) શ્રીમતી ભાવનાબેન પટેલ,
(સમાજ સેવિકા) શ્રીમતી
સુલોચનાબેન શાહ, (સમાજ સેવિકા)
અને રાકેશ ખોપકર, (જનરલ
મેનેજર, પિરામલ ગ્લાસ પ્રા. લિ.)
હાજર રહ્યાં હતાં. સંસ્થાના સેક્રેટરી
ટ્રસ્ટીઓ પણ આ પ્રસંગે હાજર રહ્યાં
હતા.
સંસ્થાના આચાર્ય એમ. એમ.
દાલયાવલે ગુજરાત ટેકનોલોજીકલ
યુનિવર્સિટીના ત્રીજા સત્રની
પરીક્ષામાં બધી વ્રાંચમાં સમગ્ર
ગુજરાતમાં પ્રથમ આવનાર
વિદ્યાર્થીની કુ. સપના વર્માની સંપૂર્ણ
ફી માફીની જાહેરાત કરી હતી. આ
સાથે જ એમ. એસ. ડિનાથે આ
યોજના અંતર્ગત સંસ્થાના સ્ટાફ
તરફથી રૂ. ૫૧,૦૦૦ સહાયની
જાહેરાત કરી હતી.
સમારંભના મુખ્ય અતિથિ
લવજીભાઈ ડાલીયાએ 'તેજસ્વીની'
સ્કોલરશીપ યોજનાને બિરદાવી
હતી. અને તેમના તરફથી આ
યોજના માટે રૂ. ૨,૦૦,૦૦૦ની
સહાયની જાહેરાત કરી હતી.
વિશેષમાં સંસ્થા તરફથી સેક્રેટરી
ભાણાભાઈ પટેલે આ યોજનાને
વધાવી તેમના તરફથી ઉચ્ચ પરિણામ
લાવનાર ચાર વિદ્યાર્થીનીઓને રૂ.
૧૦૦૦નું ઈનામ જાહેર કર્યું હતું.

**એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ,
(પોલીટેકનીક) કોસંબા. નું ગૌરવ**

ડિસેમ્બર ૨૦૧૪ માં ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી (GTU)
દ્વારા લેવાયેલ પરીક્ષામાં એ.વાય.ડી. ની કોમ્પ્યુટર ડિપાર્ટમેન્ટની
ત્રીજા સેમેસ્ટરની વિદ્યાર્થીની **વર્મા સપના મહેન્દ્રકુમાર 10.00**
SPI સાથે યુનિવર્સિટીમાં બધા ડિપાર્ટમેન્ટમાં સતત બીજાવાર
પ્રથમ ક્રમ મેળવ્યો છે. સાથે ત્રીજા સેમેસ્ટરમાં કોમ્પ્યુટર
ડિપાર્ટમેન્ટની **સુરમા કિનાબેન જનકર્સીદ** યુનિવર્સિટીમાં છઠ્ઠા
ક્રમે અને ઈલેક્ટ્રીકલ વિભાગના **મોતાલા સહલ હાડન** પાંચમાં
ક્રમે સફળ થયા છે. વધુમાં જણાવવાનું બે અઠવાડીયા પહેલા
જાહેર થયેલ પાંચમાં સેમેસ્ટરની પરીક્ષા રીઝલ્ટમાં એ.વાય.ડી.
ના 'ચાર' વિદ્યાર્થીઓ યુનિવર્સિટીના આખા ગુજરાત માંથી
'ટોપટેન' (પ્રથમ દસ) માં આવ્યા છે.

ઈનોવેટીવ વર્ક

અભ્ય એસી એક કલાકમાં વાપરે છે તેટલી વીજળીથી આ એસી દશ કલાક ચાલે છે, ઉપરાંત સોલરથી પણ ચાલી શકે છે

વિદ્યાર્થીઓએ બનાવ્યું 90% વીજળી બચાવતું AC

ભાસ્કર વ્યૂઝ, કોસંબા

કોસંબાની દાદાભાઈ ટેકનોલોજી ઈન્સ્ટીટ્યુટના છઠ્ઠા ધોરણમાં ભણતા વિદ્યાર્થીઓએ પોતાના પ્રોજેક્ટના ભાગરૂપે ઈકો ફ્રેન્ડલી અને ઓછી વીજળી ખપત કરતું અને સોલરથી પણ ચાલતું વોટર વોટરબેઈઝ એર કન્ડીસન બનાવી લોકોને મંત્રમુગ્ધ કર્યા છે.

સુરત વોરા એજ્યુકેશન ટ્રસ્ટ દ્વારા સંચાલિત કોસંબાની દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટની સ્થાપના 2008માં કરી અને પોતાના ગુણવત્તાસભર ભણતર થકી છેલ્લા ઘણા વર્ષોમાં ગુજરાત ટેકનીકલ યુનિવર્સિટીમાં ટોપટેનમાં સ્થાન મેળવ્યું છે. આ કોલેજના મિકેનિકલ ડિવિઝનના છઠ્ઠા સેમિસ્ટરમાં ભણતા વિદ્યાર્થી ઝેબ, મુલ્તાની નિહાલ અને દેસાઈ સુભાન નાઓએ પોતાના ડિપાર્ટમેન્ટ હેડ સુરતી અને પ્રોફેસર જીગર શાહના માર્ગદર્શન હેઠળ ઈનડાપરેક્ટર ઈનોવેટીવ કુલિંગ સિસ્ટમ બનાવી છે, એટલે કે ઈકોફ્રેન્ડલી એર કન્ડીશન અને એર કુલરને જોડતું એક નવું એસી બનાવ્યું છે.

આ એસી ઓછી વીજળીનો ઉપયોગ કરી સારૂ કુલિંગ આપે છે. સામાન્ય રીતે એક કન્ડીસનમાં કોમ્પ્રેસર એક ખાસ પ્રકારનો ગેસને તાંબાની પાઈપમાં ફેરવી પંખાની મદદથી હવાને ઠંડી કરે છે. જ્યારે વિદ્યાર્થીઓએ ઈકોફ્રેન્ડલી એસીમાં કોઈ કોમ્પ્રેસર કે ગેસ હોતો નથી. પાણીને તાંબાની પાઈપમાં ફેરવી પાણીને પંખાથી ઠંડુ કરી ફરી આ પાણી તાંબાની પાઈપમાં ફેરવવામાં આવે છે. અને આ ઠંડા પાણી વાળી તાંબાની પાઈપ ઉપર પંખાની હવા મારી આ ઠંડી હવા રૂમમાં ફેકવામાં આવે છે.

આ દેશી બનાવટનું એસી એક ટનનું છે. એસી જેટલી વીજળી એક કલાકમાં વાપરે છે તેટલી વીજળીમાં દશ કલાક ચાલે છે. ઉપરાંત વિદ્યાર્થીઓએ આ એસીને સોલરથી પણ ચાલે છે. તેવું બનાવ્યું છે. વિદ્યાર્થીઓના જણાવ્યા પ્રમાણે આ એસી બનાવવાનો ખર્ચ 5 હજારથી પણ ઓછો છે. સોલર સાથે પંદર હજારમાં તૈયાર થાય છે. સોલર સાથે પંદર હજારમાં તૈયાર થાય છે. સોલર લાગવવાથી મફતમાં એસીની ઠંડક મેળવી શક્ય છે.



આ રીતે કામ કરે છે એસી

સામાન્ય રીતે એક કન્ડીસનમાં કોમ્પ્રેસર એક ખાસ પ્રકારનો ગેસને તાંબાની પાઈપમાં ફેરવી પંખાની મદદથી હવાને ઠંડી કરે છે. જ્યારે વિદ્યાર્થીઓએ ઈકોફ્રેન્ડલી એસીમાં કોઈ કોમ્પ્રેસર કે ગેસ હોતો નથી. પાણીને તાંબાની પાઈપમાં ફેરવી પાણીને પંખાથી ઠંડુ કરી ફરી આ પાણી તાંબાની પાઈપમાં ફેરવવામાં આવે છે. અને આ ઠંડા પાણી વાળી તાંબાની પાઈપ ઉપર પંખાની હવા મારી આ ઠંડી હવા રૂમમાં ફેકવામાં આવે છે.

ગુજરાત સમાચાર

શુક્રવાર, તા. ૩ એપ્રિલ, ૨૦૧૫



ઈજનેરી કોલેજના વિદ્યાર્થીઓએ ઈન્ટેલીજન્સ ટ્રાફિક લાઈટ કંટ્રોલ પ્રોજેક્ટ તૈયાર કર્યો છે.

વધુ ટ્રાફિક હશે, એમ્બ્યુલન્સ હશે તે રોડનું સિગ્નલ ગ્રીન થઈ જશે

તરસાડી, ગુરુવાર વધુ ટ્રાફિક હોય, જે રોડ ઉપર એમ્બ્યુલન્સ હોય તે રોડના ટ્રાફિક સિગ્નલ આપોઆપ ગ્રીન થઈ જાય તેવો ઈન્ટેલીજન્સ ટ્રાફિક લાઈટ કંટ્રોલ પ્રોજેક્ટ કોસંબાની ઈજનેરી કોલેજના વિદ્યાર્થીઓએ બનાવ્યો છે. ટ્રાફિકજામ એ લોકો માટે મોટી સમસ્યા બન્યો છે. ટ્રાફિકની સમસ્યાને કારણે અંતિમ ત્યાસ લેતો દરદી પણ સારવાર અર્થે હોસ્પિટલમાં સમયસર પહોંચી શકતો નથી. વિદ્યાર્થીઓ પરીભાગમાં સમયપર પહોંચી શકતા નથી. કર્મચારી વર્ગ પણ ટાઈમસર તેમના કામના સ્થળે જઈ શકતા નથી. આ ઉપરાંત ટ્રાફિકને પગલે પ્રદુષણ પણ એક ગંભીર સમસ્યા બની ચૂકી છે. કોસંબાની એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટના ઈલેક્ટ્રોનિક અને કોમ્પ્યુનિકેશન વિભાગના વિદ્યાર્થીઓએ ટ્રાફિક ભારણ પ્રમાણે સિગ્નલને કંટ્રોલ કરશે. વધારે ટ્રાફિકવાળા માર્ગને પ્રાથમિકતા આપીને તે માર્ગના સિગ્નલને ગ્રીન કરી દેશે. ઉપરાંત એમ્બ્યુલન્સને પ્રથમ પ્રાથમિકતા આપશે. એમ્બ્યુલન્સ હોય તે રોડના સિગ્નલને ગ્રીન કરી દેશે. આ પ્રોજેક્ટને અંતિમ ઓપ આપ્યો છે આ સિગ્નલ સીસ્ટમથી, ટ્રાફિકની સમસ્યા ઘટવા સાથે પ્રદુષણ પણ ઘટશે.

કોસંબાની ઈજનેરી કોલેજના વિદ્યાર્થીઓએ બનાવ્યો ઈન્ટેલીજન્સ ટ્રાફિક લાઈટ કંટ્રોલ પ્રોજેક્ટ

સંદેશ

શનિવાર, તા. ૪ એપ્રિલ, ૨૦૧૫

સુરતી સુન્ની વોહરા એજ્યુ.સોસાયટી સંચાલિત દાદાભાઈ ટેકનિકલ ઈન્સ્ટિ.ને સાત વર્ષમાં મળેલી સફળતા

સુરત, તા. ૩

ધી સુરતી સુન્ની વોહરા મુસ્લિમ એજ્યુકેશન સોસાયટી સંચાલિત મહુવેજ-કોસંબા માર્ગ ઉપર આવેલા એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટિટ્યુટ શરૂ થયાનાં ખૂબ જ ટૂંકાગાળામાં સાત વર્ષમાં ઝળહળતી સફળતા પ્રાપ્ત કરી છે.

આ ઈન્સ્ટિટ્યુટના સભામંડમાં પત્રકાર પરિષદનું આયોજન કરી ટ્રસ્ટનાં હોદ્દેદારો જણાવ્યું કે, આ સંસ્થાની ૧૯૪૭માં સ્થાપના કરાઈ હતી. પ્રારંભમાં ૫૫૦૦ રૂપિયા જેટલી સ્કોલરશિપ આપવામાં આવતી હતી. હાલમાં વાર્ષિક એક કરોડ રૂપિયા જેટલી સ્કોલરશિપ તથા તબીબી અને બેવાઈંડ સહાય આપવામાં આવે છે. ટ્રસ્ટનું ૧૯૫૧થી 'વહોરા સમાચાર' નામનું માસિક પ્રગટ થાય છે. ૨૦૦૮થી એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટિટ્યુટ શરૂ કરાઈ હતી. જેમાં ડિપ્લોમા ઈન સિવિલ એન્જિનિયરિંગ, ડિપ્લોમા ઈન કમ્પ્યુટર એન્જિનિયરિંગ,

ડિપ્લોમા ઈન ઈલેક્ટ્રિકલ એન્જિનિયરિંગ, ડિપ્લોમા ઈન ઈલેક્ટ્રોનિક્સ એન્ડ કમ્પ્યુનિકેશન એન્જિનિયરિંગ આ દરેકની ૬૦-૬૦ બેઠકો જ્યારે ડિપ્લોમા ઈન મીકેનિકલ એન્જિનિયરિંગની ૧૨૦ સાથે કુલ ૩૬૦ બેઠકોને ઓલ ઈન્ડિયા કાઉન્સિલ ફોર ટેકનીકલ એજ્યુકેશન ભારત સરકાર દ્વારા માન્યતા પ્રાપ્ત થઈ છે. તથા ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી સાથે સંલગ્ન છે.

આ તમામ કોર્સ ત્રણ વર્ષનાં છે. ૭૫ ટકા એડમિશન રાજ્યની એડમિશન કમિટી દ્વારા મેરિટનાં આધારે તથા ૨૫ ટકા બેઠકો મેનેજમેન્ટ દ્વારા ભરવામાં આવે છે. એડમિશન માટે ઓનલાઈન એડમિશન ફોર્મ ભરવું ફરજિયાત છે. ચાલુ વર્ષથી પ્રધાન મંત્રીની યોજના 'બેટી બચાવો, બેટી પઢાવો'ને ધ્યાનમાં લઈ આ ઈન્સ્ટિટ્યુટ ખાતે મેરિટનાં આધારે પ્રવેશ મેળવી વધુ મેરિટ સાથે સફળ થનાર વિદ્યાર્થીનીઓને સ્કોલરશિપ આપી ફી માફીનો કાર્યક્રમ શરૂ કરાયો છે.

बस यूं ही आते आते ...

शाम हो गई अभी तो घुमने चलो न पापा चलते चलते थक गई कंदो पर बिठा लो न पापा अंधेरे से डर लगता सीने से लगा लो न पापा मम्मा तो सो गई आप ही थपकी देकर सुलाओ न पापा स्कूल तो पुरी हो गई अब कॉलेज जाने दो न पापा

पाल पोस कर बडा किया अब जुदा तो मत करो न पापा अब डोली में बिठा ही दिया तो आंसू तो मत बहाओ न पापा आप की मुस्कराहट अच्छी है एक बार मुस्कराओ न पापा आप ने मेरी हर बात मानी एक बात और मान जाओ न पापा इस धरती पर बोझ नहीं मैं दुनिया को समझाओ न पापा

Mr. Keyur Modi
Lab. Asst. Mech. Dept.

AYD CIVIL २०११ जेचना विद्याय सभारंभ प्रसंगे मारा हृदयनो अवाज...

आजनी ખુબ સુંદર રળિયામણી તમારા સંગની આ રાત, થાય તો છે મને કરું તમને ઘણી ઘણી સારી સારી વાત,

ના થાય તમારી સાથેની આ રાત ક્યારેય પુરી, એમ તો ગમે છે સુરજ, પણ આવે ચંદાને ચકોરી,

વાતો ઘણી કરવી છે તમારી, મારી અને જીવનની, પણ શબ્દો વિસરાઈ ગયા છે, લાગણીઓમાં મનના,

આ તમારો બેચ હા હા દોસ્તો તમારો બેચ, એવો બેચ કે મન નથી થતું કે છોડું આ કેચ,

તમને લોકોને જોયા, ખાંટા મીઠાં સંબંધોમાં કરતાં અભ્યાસ, મને આવ્યો મારા જીવનની એ ખુશીની પળોનો ભાસ,

ની ખબર કેમ પણ તમારી સાથે રહીને આવ્યો એક વિચાર, એમાં જ થઈ ગયું મારું “સેતુ” નામનું એક સપનું સાકાર,

થોડા દિવસો પહેલા જ થઈ કેક મારા મગજમાં એક, કેકમાંથી આવ્યો વિચાર કે ખોલીએ તમારી “બુક બેંક,”

આમને આમ રમતાં રમતાં બન્યું એક ગ્રુપ “12 CONSTRUCTURE” એમણે મારી સાથે મળીને ઉભા કર્યા કલાસનાં Collapse Structure,

તમારા દરેકનો AYD-Civil ને મળ્યો છે ઘણો સહકાર, તેમાંથી એક વ્યક્તિત્વ ઉભું થયું તે છે આપણો “પરાગ,”

પરાગ, પરાગ, પરાગ, પરાગ અને આ જ એ “પરાગ,” જાણે દરેકના હૃદય દિમાગમાં વસી ગયો છે આ રાગ,

જેની સાથે રહીને મારામાં આવ્યો છે ઘણો હકારાત્મક બદલાવ, બીજાનું તો ખબર નહીં પરંતુ મેં અનુભવ્યો છે એ બદલાવ,

એણે આપેલો એના જીવનનો એવો કિંમતી સમય, કે મને પણ મન થયું કે એને કરું આ સમયમાં લય,

આ જ વિચારોમાં આવ્યો વિચાર એક લાડકવાચી છોકરીનો, કહી 'WORLD'S BEST TEACHER' વધાર્યો ઉત્સાહ નોકરીનો,

આ ત્રણ વર્ષમાં આપણે સાથે મળી માણી ઘણી વાનગીઓ સુખ દુઃખની, પણ આ પ્રસંગે હૃદયમાં એક ખૂણે લાગણી સુખની તો બીજે દુઃખની,

દુઃખ એ વાતનું છે તમે કોઈક રીતે અલગ થઈ જવાના, સુખ એ વાતનું કે જવાના પણ કંઈક સારું લઈ જવાના,

જાઓ જ છો તો હૃદયના આશિષ કે જીવનમાં ખૂબ આગળ વધો, આવતી તમામ વિકટ પરિસ્થિતિનો સામનો કરી ખૂબ આગળ ધપો,

ત્રણ વર્ષમાં જે કંઈ આપવાનું હતું તે આપવાની કોશિષ ઘણી, સારા એન્જીનિયર સાથે સારા માણસ બનવાની વાતો ઘણી ઘણી,

તમને યાદ તો રહેશે AYD, CIVIL, હું અને કોલેજનો એ ગેટ, યાદોને સાચવવા આપ્યું છે FOLDER, PHOTO ને જીવનની ભેટ,

આ પ્રસંગે ચોકકસપણે યાદ આવે છે મને એક ગીત:

હમકો મીલી है आज ये घड़ीया नसीब से,
जी भरके देख लीजिए हमको करीब से,
हम आपके नसीब में ये रात हो ना हो,
शायद इस जनम में मुलाकात हो ना हो,

Mr. P.A. Patel
I/C H.O.D. Civil Dept.

સુવિચાર

એક બોક્સ ને લોગો કો એક બોક્સ સુનાયા સખ બહુત હંસે ઉસને ફિરસે વહી બોક્સ સુનાયા બહુત કમ લોગ હંસે ઉસને ફિરસે વહી બોક્સ સુનાયા કોઈ નહિ હંસા ફિરસને બોક્સને બહુત અચ્છી ખાત કહી

અગર આપ એક ખુશી કો લેકર બારબાર ખુશ નહિ રહ શકતે તો એક દુઃખ કો લેકર બારબાર ક્યુ રોતે હો ?

Mr. R.A. Multani
Civil Dept.

માન્યતા

રાશી એક હોય તો સંબોગ સારા હોય અને સ્નેહ સારો હોય એવું સાંભળ્યું છે.
આવી માન્યતા છે તો ચાલો ઉદાહરણ બોધએ.

રામ
ગાંધીજી
કૃષ્ણ
ઓખામા
અટલ
મુલાયમ

રાવણ
ગોડસે
કંસ
ઓસામા
ઈદરી (અ,લ,ઈ)
માયાવતી

સુખા સ્વરાજ
વી.પી. સિંહ
લાલકૃષ્ણ
શરદ પવાર
મનમોહન સિંહ
નરેન્દ્ર મોદી

સોનીયા ગાંધી
વિશ્વ હિંદુ પરિષદ
લાલુ પ્રસાદ
શિવસેના
મમતા બેનરજી
નિતીશકુમાર

Mr. B.A. Variya
Civil Dept.

વ્હાલા માતા-પિતા

આંગળી પકડી જેણે ચાલતા શીખવાડીયું,
જુંદગીને જેણે માણતા શીખવાડીયું,
સાયું ખોટું જેણે જાણતા શીખવાડીયું,
એવા મારા વ્હાલા માતા-પિતા તને કોટિ કોટિ પ્રણામ,
શાં માટે જાઉં હું જાત્રા ચાર ધામ,
મારા માટે તો એ જ ભગવાન કૃષ્ણ, શિવ અને રામ.

એક ના જન્મેલી કન્યાની વ્યથા

સોનોગ્રાફીના રિપોર્ટ પ્રમાણે કન્યા કોખમાં હતી,
કન્યા છે જાણી માતા સિવાય ફેમિલી શોકમાં હતી,
સુશિક્ષિત તરીકે ફેમિલીના પ્રસિદ્ધ લોકમાં હતી,
ફેમિલીમાં ચાલી ચર્ચા કે હવે શું કરવું ?
મને થયું કે માતાની કોખમાં જ મારે પડશે મરવું,
મરતા પહેલા મારે એક જ પ્રશ્ન છે પૂછવું,
શું આ રીતે કન્યા હત્યા કરનારને સુશિક્ષિત ગણવું ?

What do you mean by FAMILY ?

F - Father
A - And
M - Mother
I - I
L - Love
Y - You

Mr. M.M. Kagdi
Lecturer E & C Dept.

Most Indians are familiar with Birbal who was in the Royal Court of the Mughal Emperor Akbar. He is famous for his wit and folk tales. Like him a humourist named Naseruddin Hodja is famous Turkish Gentleman known for his witty folk tales. He lived during 13th Century. Below I give some examples of intelligent wit and humour. I hope you enjoy reading it.

HAVE IT PULLED OUT

When a man asked Hodja,
"I have terrible headaches.. What do you think I should do?"
Hodja replied,
"A few days ago, I had a terrible toothache. Nothing helped so I had it pulled out and now I am fine."

IF THE ANGEL OF DEATH COMES

Hodja was seriously ill and was getting worse. He called his wife and said,
"Now, go and put make-up on, wear your new dress and lots of jewellery. Then, come and sit by me."
His wife was shocked.
"Hodja, you are so ill and I don't feel like getting dressed up and looking good. Do you think I have no scruples?" she asked.
"Oh, no! You misunderstood me," Hodja answered, "I will be dying soon. So, when the angel of death comes, it may like you better than me and take you instead, I thought."

I WAS IN IT

One morning, his neighbour asked Hodja,
"Last night we heard noises coming from your house. It sounded like something falling down the stairs. What happened?"
Hodja replied,
"My wife threw my robe down the stairs."
"Come on, Hodja! A robe doesn't make that much noise."
"But I was wearing it," Hodja said.



DON'T HAVE IT

Hodja was busy repairing his roof when the doorbell rang. He looked down and saw a man at the door.
"What do you want," Hodja called out.
"Come down and I'll tell you," the man answered.
Hodja came down the stairs and opened the door. The man said,
"I need some money. Could you spare a few

akçe?"
"Well, come up to the roof with me," Hodja replied.
When they climbed to the roof, Hodja turned to the man and said,
"I can't. I don't have any money."
The man was surprised.
"You could have told me that down there at the door," he said.
"Well," replied Hodja "You could have asked me while I was up here."

Mr. IQBAL ISMAIL BANGEE
Dubai

“Success is a journey, Not a destination.”

1. Self-Belief

Success begins in the mind. One has to be a believer, first, if one wishes to be an achiever. Never underestimate yourself. You have no idea how often you can surprise yourself. So to begin with, let's get in the belief, "I CAN."

2. Clarity of vision:

There is no point running around without knowing where one wants to rich. You must get your job cut out. Greatest achievers in the world have been visionaries. Know exactly what you are best at and give it your best shot.

3. Setting the right goal:

The goal should be realistic. The goal should be achievable and yet challenging enough – neither too easy nor too difficult – something in the middle.

4. Be focused:

If the sun's rays are focused on a piece of paper with a lance, the intensity of the concentrated energy burns the paper. Focus on your objective will enhance the intensity of the effects of yours efforts.

5. No short cuts to success:

There are no short cuts to success. Divide your overall goals into smallest targets. Divide your monthly plans into weekly and weekly plans into daily plans and see how simple can things be.

6. Take risks:

Without any risk no progress is possible. Life comes to a stable standstill. People who take chances are the people who get ahead in life. The only way to reduce risk is to take risks.

7. Take the initiative:

People who take the initiative make the most of their lives. Proactive people do not wait for success to happen; rather they make it happen. As they say, "JUST DO IT".

8. Never hesitate to struggle:

No one has ever climbed a mountain just by looking at it. Struggle, it is a key to success.

9. Own responsibility:

Failure to hit the bull's eye is never fault of the target. People, who own complete responsibility of their lives, are the people who make the most of it.

10. Never give up:

Many people who failed in life, where those who did not realize how close they were to success when they gave up. Success demands extra-ordinary amount of perseverance. Never, never, give up.

Shaikh Mohammad Vali
Electrical Dept.

“Keep your dreams alive.

Understand to achieve anything requires faith and belief in yourself...

Remember all things are possible for

those *who believe.*”

“If one advances confidently in the direction

Of one's dreams, and endeavors to live the life

which one has imagined, one will meet with a *SUCCESS*

unexpected in common hours.”

“All men who have achieved great things

have been *great dreamers.*”

“There are some people who live in a dream world,

and there are some who face reality;

and then there are those who turn one into the other.”

“The world needs dreamers and the world needs doers.

But above all, the world needs

dreamers who do.”

AAKASH VANKAR

Electrical Dept.

AMAZING MATTER OF INSECTS

THE LARGEST GROUP OF ANIMAL ON EARTH IS THE INSECT. IN FACT ABOUT 75 PERCENT OF ALL ANIMAL ARE INSECTS. INSECTS HAVE BEEN IN THE WORLD SINCE LONG BEFORE HUMANS APPEARED. TODAY THERE ARE SO MANY INSECTS IN THE WORLD THAT SCIENTISTS ARE CONSTANTLY DISCOVERING NEW SPECIES. BUTTERFLIES, MOTHS, BEETLES, ANTS, FLIES, GRASSHOPPERS, AND BEES ALL ARE INSECTS. INSECTS MAY BE TINY BUT THEY ARE BY FAR THE MOST NUMEROUS OF ALL CREATURES. THE WORLD'S LONGEST INSECT IS THE GAINSTICK INSECT OF INDONESIA, WHICH GROWS UP TO 13 INCHES LONG. THE SMALLEST INSECT IS FAIRY FLY IS JUST 0.008 INCHES LONG. ANT CAN LIFT 50 TIMES ITS OWN WEIGHT THAT IS LIKE YOU LIFTING A TRUCK!

FARIYA SAFVAN B

Electrical Dept.

"ABC OF Life"

A-Accept

Accept others for who they are and for the choices they've made even if you have difficulty understanding their beliefs, motives, or actions.

B-Break Away

Break away from everything that stands in the way of what you hope to accomplish with your life.

C-Create

Create a family of friends whom you can share your hopes, dreams, sorrows, and happiness with.

D-Decide

Decide that you'll be successful and happy come what may, may and good things will find you. The roadblocks are only minor obstacles along the way.

E-Explore

Explore and experiment. The worlds have much to offer, and you have much to give. And every time try something new, you'll learn more about yourself.

F-Forgive

Forgive and forget. Grudges only weigh you down and inspire unhappiness and grief. Soar above it, and remember that everyone makes mistakes.

G-Grow

Leave the childhood monsters behind. They can no longer hurt you or stand in your way.

H-Hope

Hope for the best and never forget that anything is possible as long you remain dedicated to the task.

I-Ignore

Ignore was the negative voice inside your head. Focus instead on your goals and remember your accomplishments. Your past success is only a small inkling of what the future holds.

J-Journey

Journey to new worlds, new possibilities, by remaining open-minded. Try to learn something new every day, and you'll grow.

K-Know

Know that no matter how bad things seem, they'll always get better. The warmth of spring always follows the harshest winter.

L-Love

Let love fill your heart instead of hate. When hate is in your heart, there's room for nothing else, but when love is in your heart, there's room for endless happiness.

M-Manage

Manage your time and your expenses wisely, and you'll suffer less stress and worry. Then you'll be able to focus on the important things in life.

N-Notice

Never ignore the poor, infirm, helpless, weak, or suffering. Offer your assistance when possible, and always your kindness and understanding.

O-Open

Open your eyes and take in all the beauty around you. Even during the worst of times, there's still much to be thankful for.

P-Play

Never forget to have fun along the way. Success means nothing without happiness.

Q-Questions

Ask many questions, because you're here to learn.

R-Relax

Refuse to let worry and stress rule your life, and remember that things always have a way of working out in the end.

S-Share

Share your talent, skill, knowledge, and with others. Everything that you invest in other will return to you many times over.

T-Try

Even when your dreams seem impossible to reach, try anyway. You'll be amazed by what you can accomplish.

U-Use

Use your gift to your best ability. Talent that's wasted has no value. Talent that's used will bring unexpected rewards.

V-Value

Value the friends and family members who've supported and encouraged you, and be there for them as well.

W-Work

Work hard every day to be the best person you can be, but never feel guilty if you fall short of your goals. Every sunrise offers second chance.

X-X-Ray

Look deep inside your heart of those around you and you'll see the goodness and beauty within.

Y-Yield

Yield to commitment. If you stay on track and remain dedicated, you'll find success at the end of the road.

Z-Zoom

Zoom to a happy place when bad memories or sorrow rears its ugly head. Let nothing interfere with your goals. Instead, focus on your abilities, your dreams and a brighter tomorrow.

GOOD THOUGHT

- The winner sees an answer in every problem. The loser sees a problem in every answer.
- Our business in life is not to get ahead of others, but to get ahead of ourselves.
- The toughest thing about success is that you have got to keep on being a success.
- Life is 10% how 'U' make it..... and 90% how you take it.
- Time is free but it's priceless. Once you've lost it, you can never get it back.
- If you have the habit of waiting for others, you will get left behind.
- Listen to others, but use your own judgement.
- The best way to escape from a problem is to solve it.
- Winners make things happen, Lossers let things happen.
- Spend your life lifting people up, not putting people down.
- Stop blaming others. Take responsibility for every area of your life.
- Reputation is precious, but character is priceless.
- You can plan your work, not life. Be always ready to face unplanned events.
- Minds are like pens, they work only when open.
- The rich swell up with pride, the poor from hunger.
- Announce your goals and disguise your achievements.
- If you don't see eye to eye with someone, try to hear ear to ear.
- Failure isn't when you fall down; it's only when you don't get up again.
- Yesterday is history. Tomorrow is mystery. Today is a gift. That's why it's called present.
- A quitter never wins and a winner never quits.
- Don't go the way life takes you. Take the way you like to go.
- Life is combination of success and failure..... both are needed.
- Worry is the interest paid by those who borrow trouble.

HARD WORK

He worked by day,
He worked by night,
He gave up play,
And some delight.
Dry books he read,
New things to learn,

And forged a head,
Success to earn.
He plodded on,
With faith and pluck,
And when he won,
Men called it luck.

HARSHRAJ SINH
Electrical Dept.

THE GREAT SHARK FISH

'Sharks' are the biggest and the most frightening looking of all fish in the sea. The shark has a streamlined body, which enables it to swim easily through the water. It has two powerful tail fins. These fins are spread out like wings.

There are many kinds of sharks- nearly 300 varieties- but only a few of them are very dangerous. Sharks live in every ocean and sea in the world. Some live in rivers and lakes too. But most sharks prefer warm waters. They come in all shapes and sizes. Sharks have sharp senses. They can smell a drop of blood in the water from half a kilometer away. Sharks can smell, taste, see, hear and touch, but most often they use smell to search for their food. Their hearing, too, is well developed but their sight is not so good.

A large shark can weigh over seven tones, and its extremely powerful jaws are large enough for a man to crawl through. The Whale Shark is usually 18 meters long and the Basking Shark is 14 meters long.

Sharks hunt and eat a variety of things in the sea. This helps to keep the oceans and seas clean.

BORIWALA JAMIUL I
Electrical Dept.



It brings rest to the weary,
Cheer to the glum,
Sun shine to the sad,
Be it in a palace or slum.

You can't beg, borrow or steal it,
Nor buy it, whatever you pay,
For it has no value at all,
Unless it is given away.

“WEAR A SMILE AND HAVE FRIENDS;
WEAR A FROWN AND HAVE WRINKLES,”

SHUBHAM SINGH
Electrical Dept.

Which one are you?

Once upon a time a daughter complained to her father that her life was miserable and that she didn't know how she was going to make it. She was tired of fighting and struggling all the time. It seemed just as one problem was solved, another one soon followed.

Her father, a chef, took her to the kitchen. He filled three pots with water and placed each on a high fire. Once the three pots began to boil, he placed potatoes in one pot, eggs in the second pot, and ground coffee beans in the third pot. He then let them sit and boil, without saying a word to his daughter. The daughter, moaned and impatiently waited, wondering what he was doing.

After twenty minutes he turned off the burners. He took the potatoes out of the pot and placed them in a bowl. He pulled the eggs out and placed them in a bowl. He then ladled the coffee out and placed it in a cup. Turning to her and asked.

“Daughter, what do you see?”

“Potatoes, eggs, and coffee,” she hastily replied.

“Look closer,” he said, “and touch the potatoes.”

She did and noted that they were soft. He then asked her to take an egg and break it. After pulling off the shell, she observed the hard-boiled egg. Finally, he asked her to sip the coffee. Its rich aroma brought a smile to her face.

“Father, what does this mean?” she asked.

He then explained that the potatoes, the eggs and coffee beans had each faced the same adversity– the boiling water. However, each one reacted differently.

The potato went in strong, hard, and unrelenting, but in boiling water, it became soft and weak. The egg was fragile, with the thin outer shell protecting its liquid interior until it was put in the boiling water. Then the inside of the egg became hard. However, the ground coffee beans were unique. After they were exposed to the boiling water, they changed the water and created something new.

“Which are you,” he asked his daughter. “When adversity knocks on your door, how do you respond? Are you a potato, an egg, or a coffee bean? ”

Moral:

In life, things happen around us, things happen to us, but the only thing that truly matters is what happens within us.

Which one are you?

Mr. Rohit R. Chaudhari
Lecturer E & C Dept.

OPPORTUNITY IN E & C ENGINEERING

Today majority of the students thought that there is no scope for the EC Engineer in the Gujarat state. So, the students not take interest in the EC branch. But, the fact is that recently the government of Gujarat and the central government have been declared the policy for the Electronics industry. So, there will be lots of opportunity for the EC engineers in the future. Here are the proofs. So, we are requesting to all the students to be aware with this fact.

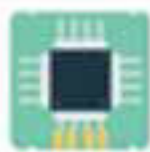
[1] Information from the government websites:



Source: <http://deity.gov.in/esdm>

Electronics, IT and eGovernance Policies for the State of Gujarat (2014-2019)

Electronics Policy 2014-2019



Electronics System Design and Manufacturing (ESDM) is one of the largest and fastest growing manufacturing industries in the...

[Read More](#)

IT Policy 2014-2019



In the last few decades, IT/ITeS industry has emerged globally as a key driver of growth and is a large industry employing millions of people...

[Read More](#)

eGovernance Policy 2014-2019



In today's age of Science, Technology and Innovation, effective use of ICT is imperative to meet the ever growing expectations of citizens and...

[Read More](#)

Source: <http://dst.gujarat.gov.in/>

http://vibrantgujarat.com/images/pdf/electronics_policy_2014-2019.pdf

[2] Informations from the leading newspapers articles:



Article in Gujarat Guardian in Thursday, 13th November – 2014

ગુજરાત સરકારની ૨૦૧૪-૨૦૧૯ માટેની
ઇલેક્ટ્રોનિક્સ પોલીસી જાહેર
૨૫થી ૫૦ લાખની વ્યાજ સબસિડી

Article in Gujarat Samachar in Thursday, 13th November – 2014

જાહેરાત | ઇલેક્ટ્રોનિક્સ ક્ષેત્રે ૨૦૨૦ સુધીમાં ૧૬ અબજ ડોલરના રોકાણની નેમ
ત્રણ વર્ષ બાદ રાજ્ય સરકારે નવી
ઇલેક્ટ્રોનિક્સ પોલીસી જાહેર કરી

■ રાજ્યમાં રોજગારીની પાંચ લાખ તકો પૂરી પાડવાનું લક્ષ્ય

હવે | નવી ઇલેક્ટ્રોનિક્સ પોલીસીના મુખ્ય ઉદ્દેશ્ય

■ ૨૦૨૦ સુધીમાં ૧૬ અબજ ડોલરના રોકાણની નેમ ત્રણ વર્ષ બાદ રાજ્ય સરકારે નવી ઇલેક્ટ્રોનિક્સ પોલીસી જાહેર કરી

■ ૨૦૨૦ સુધીમાં ૧૬ અબજ ડોલરના રોકાણની નેમ ત્રણ વર્ષ બાદ રાજ્ય સરકારે નવી ઇલેક્ટ્રોનિક્સ પોલીસી જાહેર કરી

મંતવ્યો | લોકપ્રતિભાવોનો પણ નીતિમાં સમાવેશ કરાયો

Article in Divya Bhaskar in Thursday, 13th November – 2014

સરકારે ૨૦૧૪-૧૯ માટે ઇલેક્ટ્રોનિક્સ પોલીસી જાહેર કરી
ઇલેક્ટ્રોનિક્સ ક્ષેત્રનાં ઉદ્યોગોને
૫ વર્ષ માટે ૧૦૦% ટેક્સ હોલિડે

Article in Sandesh in Thursday, 13th November – 2014

પાંચ લાખ પ્રત્યક્ષ રોજગારીનો દાવો

આ પોલીસીથી ૨૦૨૦ સુધીમાં પાંચ લાખને પ્રત્યક્ષ રોજગારી મળશે. ૩૫ વર્ષ સુધીના યુવાનો અને મહિલા, શારીરિક ક્ષતિગ્રસ્તો અને એસસી, એસટીનાં ઉદ્યોગ સાહસિકોને સામાન્ય કરતા એક ટકો વધારે સબસિડી મળશે.

વડાપ્રધાન નરેન્દ્ર મોદીની સૂચના ગુલ્યા બાદ રહેતો બેટ

વડોદરા ફરી ઇલેક્ટ્રોનિક મેન્યુફેક્ચરિંગ હબ બનશે

■ તા. ૬મી જુલાઈએ લેવ ટાઈમ અંગેનું જાહેરવચ્ચું પ્રસિદ્ધ કરીને વચ્ચું અટકાવ્યું

■ રેલવે વડોદરા સહિત પુલ ટાઈમરમાં ઇલેક્ટ્રોનિક મેન્યુફેક્ચરિંગ સેન્ટર બનાવવાનો

2.80 કરોડને રોજગારીની ક્ષમતા

Article in Divya Bhaskar in Thursday, 19th June – 2014

ગુજરાત સમાચાર (વડોદરા આવૃત્તિ) ૧૧

રૂ. ૩૦ હજાર કરોડનો મેગા પ્રોજેક્ટ ફાસ્ટ ટ્રેક ઉપર

ગુજરાતમાં ઇલેક્ટ્રોનિક ચીપ્સના નિર્માણ માટે ઝડપભેર કાર્યવાહી

પ્રાંતિજમાં ૧૦૦૦ એકર જમીન નિશ્ચિત થઈ: રોજગારીની વિપુલ તકોવાળા પ્રોજેક્ટને મેગા પ્રોત્સાહનો અપાશે

રાજ્યોમાં મોબાઈલ અને લેપટોપનું ઉત્પાદન શરૂ કરાશે: સરકારનું મિશન ઇલેક્ટ્રોનિક્સ અભિયાન

અમદાવાદ, તા. ૧૯ જુનિ | વિવિધ ચીપ્સનું ના સંભાર પેનલ, અંતરીય સંશોધન

નવી ઇલેક્ટ્રોનિક્સ પોલીસીમાં ઉદ્યોગકારોને આમંત્રણ ઇલેક્ટ્રોનિક્સ રિસર્ચ માટે અલગ યુનિવર્સિટી સ્થપાશે

Article in Gujarat Samachar in Wednesday,
3rd September – 2014

Article in Gujarat Guardian in Sunday,
5th October – 2014

BOOKS.....A PART OF HUMAN LIFE

“A Book Is A Device To Ignite The Imagination” – Alan Bennet

Learning is a significant process in human being life. It is self – evidence that human development cannot stand without a good learning. And a good learning is outcome of reading a book, newspapers, magazines, tutorials, encyclopedias etc. The book is a valuable source of knowledge that consists of infinite benefits. It transports us into different worlds and cultures, technologies and literatures, civilization and social acts...

“When you open a book, you open a new World” books have become inevitable to mankind. It is part of our everyday life and basic necessity of human life. As says Mahatma Gandhi when I am in distress, I got to the lap of mother GITA to get solace. By Mother Gita, he means Bhagwad Gita, the great gospel- book of truth said from the mouth of Lord Krishna to his friend Arjun. All the great books of the world like the Ramayana, the Gita, the Quran, and Bible etc. have been beneficial and useful to us and also show us path in darkness.

Books are immortal

Man is mortal but books are immortal. The great writers like Valmiki, Tullsidas, Surdas, Shakespeare, Aristotle, Plato and many others died centuries ago but the books written by them are living. Among them Rishi Valmiki and Swami Tulsi Das are the products of the books. They were very low in their lives, but later on as authors, they became immortal and divine. This is alone example from the vast sea of knowledge. And in their books are also living.

Books are food for the mind

As everyday food – chapatti, vegetables, fruits and sweets required for our body. Books are food for our mind. Our mind can be healthy only if we take good mental food i.e. read good books. The more you read the more spread you are. It means that a person gains immense knowledge through reading, and can develop attitude, creativity, imagination and lifestyle. It is impossible to imagine someone who is educated and has not read books.

Books As Best Friend.

“There is no friend as loyal as a book” – Ernest Hemingway.

Books are our never failing companions – Our Best Friends – As they may be our guide, philosopher and teacher. They teach us, they influence us; they change the very course of our life. They stay with us forever and wherever we move. They take us from gloominess to enlightenment.

In today's life books are available in ample number and with many subjects and every branch of knowledge, whether it is science, art, psychology, engineering, technology, literature, medicine, history..etc. And more and more knowledge is being added everyday and every minute. There are books through which your hunger for knowledge can be satisfied. Books are perennial source of truth, bliss and beatitude. Without books no fresh ideas are possible and without fresh ideas no cultured society is possible. So read as many good books as you can, chew few and digest the fewest.

Ms. Niharika D. Lad
Librarian

एक कविता

“ऐ सुख,,,,,,”

ऐ सुख तू कहाँ मिलता है,
क्या तेरा कोई स्थायी पता है ।

क्यों बन बेठा है अन्जाना
आखिर क्या है तेरा ठिकाना ।

कहाँ कहाँ ढूँढा तुजको,
पर तू न कहीं मिला मुझको,

ढूँढा ऊँचे मकानो म,
बडी बडी दुकानो में,

स्वादिष्ट पकवानो में,
चोटी के घनवानो में,

वो भी तुजको ढूँढ रहे थे
बल्कि मुझको ही पूछ रहे थे ।

क्या आपको पता है
ये सुख आखिर कहाँ रहता है ??

मेरे पास तो दुख का पता था,
जो सुबह शाम अक्सर मिलता था,

परेशान होके रपट लिखवाई
पर ये कोशिश भी काम न आई ।

उम्र अब ढलान पे है,
हौसले थकान पे है,

हाँ उसकी तसवीर है मेरे पास,
अब भी बची हुई है आस,

मैं भी हार नहीं मानूंगा
सुख के रहस्य को जानूंगा ।

बचपन में मिला करता था,
मेरे साथ रहा करता था,

पर जबसे मैं बडा हो गया ,
मेरा सुख मुजसे जुदा हो गया,

मैं फिर भी नही हुआ हताश,
जारी रखी उसकी तलाश ।

एक दिन जब आवाज ये आई,
क्या मुझको ढूँढ रहा है भाइ,

मैं तेरे अंदर छुपा हुआ हूँ,
तेरे ही धरमें बसा हुआ हूँ,

मेरा नहीं है कुछ भी मोल,
सिक्को में मुझको न तोल ।

मैं बच्चो की मुस्कानो में हूँ,
हारमोनियम की तानों में हूँ,

दोस्तो के संग चाय पीने में,
परिवार के संग जीने में,

माँ-बाप के आशिर्वाद में,
रसोईधर के महाप्रसाद में,

बच्चो की सफलता में हूँ,
माँ की निश्चल ममता में हूँ,

हर पल तेरे संग रहता हूँ
और अक्सर तुझसे कहता हूँ ।

मैं तो हूँ बस एक अहसास,
बंद कर दे मेरी तलाश ।

जो मिला उसीमें कर संतोष,
आज को जी ले कल की न सोच,

कल के लिए आज को न खोना
मेरे लिए कभी दुखी न होना

मेरे लिए कभी दुखी न होना..

From dairy collection
Ms. Niharika D. Lad
Librarian

A BEAUTIFUL WAY OF LOOKING AT THINGS

A father was reading a magazine and his little daughter every now and then distracted him. To her busy, he tore one page on which was printed the map of the world. He tore it into piece and asked her to go to her room and put them together to make the map again.

He was sure she would take the whole day to get it done. But the little one came back within minutes with perfect map... When he asked how she could do it so quickly, she said, "Oh...Dad, there is a man's face on the other side of the paper.... I made the face perfect to get the map right." She ran outside to play leaving the father surprised.

MORAL :

There is always the other side to whatever you experience in this world. Whenever we come across a challenge or a puzzling situation, look at the other side...You will be surprised to see an easy way to tackle the problem..

Ms. Niharika D. Lad
Librarian

SHADOWS OF WORDS

1) Prayer is not an attempt to change god's mind towards us but it is just request to him that " O god, I not want only a good situation in my life , give me any situation whether it is a bad or good ,positive or negative, but only give me strength and your blessing that I can handle it".

2) A Message of Mother to his son

O baby listen, no thing we will get before it's time & more than our destiny. If that thing is of yours than it will defiantly be yours. If it is not of yours then it will never be. So don't take any tension or any pressure, or don't be depressed. Just work hard & make good effort towards your goal. If you get that thing you are succeeded. If not than think that another person makes more effort than yours to get that thing. Don't worry try again & again & one day that thing may be yours. I will be there for you in any situation at any time if I am alive. If I am not alive give me promise that you never lose your confidence & develop your personality to handle all situations & problems. **I believe in you Baby you will defiantly be....**

3) A message of mother to his new born child

O baby, you are going towards a **sea of life** that is full of magics, darkness, depthness, instability, uncertainty & of surprises. Waves of happiness or sorrow will come from any direction. We can't know what happens at what time. Definately you have to move forward step by step. In this journey of life I always there to put you up whenever you will stop or fall down. **Togther we can.....**

4) No one can teach more than your own life, your own experience, and your own problems.

5) Nothing is free. You must have to pay for everything directly or indirectly, with pleasure or without, after or before.

Mrs. S.S. Multani
I/C HOD Computer Dept.



We are living in Internet and mobile Era. Now a days these two things are inseparable from mankind. Mobile and Internet are very helpful for people as we are familiar with the advantages of it and if we are talking about mobile then most desirable smart phone comes to our mind is Apple's iPhone. Many People are Big Fan of Apple.

We become fans of companies, first, because of their products. But we remain fans for more than their products – rather because of how they relate to us, how they connect to our hearts, and how they change our lives.

Here are some life-changing lessons you can learn from Apple:

1. Keep your life simple but meaningful

You cannot sense any clutter in iPhone or any Apple Product's designs both in hardware and software. Every function has a use. Every feature has a purpose. Unlike other products, Apple products do not focus on having the most features. Instead, the focus is on making every tiny detail count.

If something is not working in your life, if something is stressing you out, then by all means, don't include it in your life's design. You always have a choice not to include it. No matter how great a feature might seem, if you don't really need it, it will just be clutter in your life's overall design. What use is there for a big house if you cannot build a happy family in it? What use is there for a sports car if you cannot enjoy the journey riding it?

Don't worry about how your life looks. Focus on how your life works. Focus on the experience, not the features.

Design is a funny word. Some people think design means how it looks. But of course, if you dig deeper, it's really how it works.

– Steve Jobs

Add a little presentation to your life

Apple has also been known for its product launches and events. It is also known for its presentations. How about some Steve Jobs magic?

The company celebrates the simplicity and beauty of its products with unforgettable events and exciting launches. These build anticipation, create drama, generate suspense, and keep on surprising and so end up adding even more to the customers' experience! Apple events and launches don't happen often, but when they do, they rock the Apple users and the whole world.

Just like Apple, celebrate life! Add a little color into it. Keep surprising yourself! Build anticipation and generate suspense! Go on more adventures, try new things, go new places, learn new languages, meet new people, be silly, and take more chances! Add variety to your life once in a while! Have fun!

Life is meant to be experienced. Don't just focus on existing. Live an exciting and unforgettable life!

Everything in moderation, of course. If you have too many events, you lose the “magic” and it becomes boring. Imagine Apple having weekly product launches. They would become tedious. They would become routine.

After a while, always go back to the core of your life: simplicity, usefulness, and meaning.

And remember, experiences don't have to be extravagant. They have to be unforgettable.

Keep your life in “sync”

Apple did not become the most valuable brand in the world just because of its iPhones, iPods, iPads, or Macs. Apple became number one also because of how it connects and syncs all its products. Connectivity among all its devices added to the overall experience of using Apple products. Before, there was just iTunes. Now, there is also iCloud. Apple understood that the “sum is greater than all its parts.”

Your life is also greater than the sum of its parts. It's composed of so many areas: spiritual, family, relationships, work, financial, health, and so on. And in order to live a great life, every area has to be connected to the others. You cannot compartmentalize your life.

It's difficult to have a happy family if you cannot meet your family's basic needs. It's difficult to find meaning in whatever you do if your spiritual life is suffering. It's hard to build relationships with other people if your family life is suffering. It's difficult to succeed in your career if you're suffering from poor health. When one area of your life suffers, the rest will inevitably follow suit.

Sync every area of your life. Connect them with each other. Achieve balance in your life. More importantly, connect every area with your life's core: simplicity, usefulness, and meaning. No wonder iTunes was also designed to be simple and extremely functional.

Vijay Patil
Lecturer Computer Dept.

Different Wireless Technology Terms

Wireless communication is among technology's biggest contributions to mankind. Wireless communication involves the transmission of information over a distance without help of wires, cables or any other forms of electrical conductors.

WIFI

Wi-Fi is a wireless networking technology that allows computers, mobile phones and other devices to communicate over a wireless signal. Wireless local area network enables portable computing devices like laptop, mobile phone, tablet etc. to connect easily to the Internet.

Wi-Fi Direct

Wi-Fi Direct was developed by the Wi-Fi Alliance to enable ad hoc communication between paired WiFi enabled devices using either the 2.4GHz or 5GHz bands. Mobile phones, cameras, printers, PCs, and gaming devices connect to each other directly to transfer content and share applications quickly and easily. Devices can make a one-to-one connection, or a group of several devices can connect simultaneously.

RFID

Radio-frequency identification (RFID) uses tags, or labels attached to the objects to be identified. Two-way radio transmitter-receivers called interrogators or readers send a signal to the tag and read its response. The key features of the RFID tag are a fixed unique identifier and necessary proximity of tags to a tag reader. In many countries, RFID tags can be used to pay for mass transit fares on bus, trains, or subways, or to collect tolls on highways.

NFC

Like RFID tags and readers, near field communication (NFC) is a short range wireless technology for transferring small amounts of information. However, NFC only operates at a range of up to 20 centimeters, but typically much less. NFC devices can be used in contactless payment systems, similar to those currently used in credit cards and electronic ticket smartcards, and allow mobile payment to replace or supplement these systems.

Bluetooth

There are several versions of Bluetooth with different characteristics, but it is intended for transfer of moderate amounts of information at up to 100 meters. The most recent version of Bluetooth is 4.0. Bluetooth is the technology often used for wireless keyboards and mice, wireless printing, and wireless cell phone headsets. In order to use a device such as a Bluetooth keyboard or mouse, your computer must be Bluetooth-enabled or have a Bluetooth adapter installed.

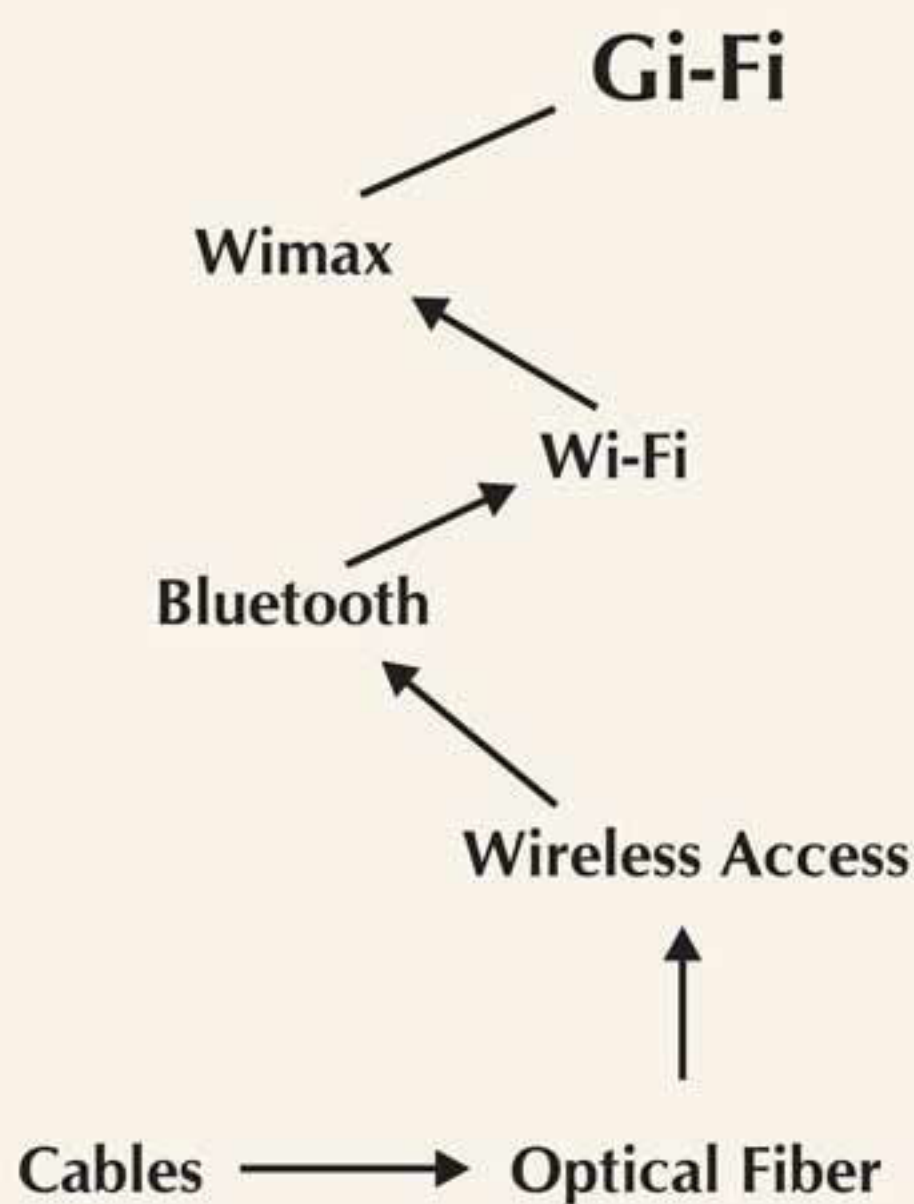
ABDULLAH HANS
Lecturer Computer Dept.

Gi-Fi - Next Generation Wireless Technology

Gi-Fi or Gigabit Wireless refers to a wireless communication at a data rate of more than one billion bits (gigabit) per second.

Wi-Fi (IEEE-802.11b) and Wi-Max (IEEE-802.16e) have captured our attention, as there are no recent developments in the above technologies which cannot transfer data and video information at a faster rate and led to the introduction of Gi-fi technology. It offers some advantages over Wi-Fi, a similar wireless technology, that offers faster information rate in Gbps less power consumption and low cost for short range transmissions.

Gi-Fi or Gigabit Wireless is the world's first transceiver integrated on a single chip in which a small antenna used and both transmitter receiver are integrated on a single chip which is fabricated using the complementary metal oxide semiconductor (CMOS) process. Because of Gi-Fi transfer of large videos, files can be done within seconds.



Application of gi-fi

1. GI-FI Access Devices
2. Broadcasting Video Signal Transmission System in Sports Stadium
3. Office Appliances
4. Video Information Transfer
5. Inter Vehicle Communication System
6. Media Access Control (MAC) and Imaging and Others

COMPARISON BETWEEN BLUETOOTH, WiFi AND GiFi

CHARACTERISTICS	BLUETOOTH	WI-FI	GI-FI
Specification Authority	Bluetooth SIG	IEEE, WECA	NICTA
Development Start date	1998	1990	2004
Primary device	Mobile phones, PDAs, Consumer, Electronics office Industrial Automation Devices	Notebook, Computers, Desktop, Computer servers	Mobile phones, Home devices, PDAs, Consumer, Electronics office Industrial Automation Devices
Power consumption	5mw	10mw	< 2mw
Date transfer rate	800 kbps	11Mbps	5 Gbps
Range	10 meters	100 meters	10 meters
Frequency	2.4GHz	2.4GHz	57-64GHz

Advantages of Gi-Fi

1. Removing Cables

Gi-Fi technology Removes need for cables to connect consumer electronics devices and all the devices in the range of 10 meters can be connected in order to transmit the data wirelessly.

2. Low Cost Chip

Gi-Fi's chip uses only a tiny one-millimeter-wide antenna and less than 2mili watts of power. Low-cost chip allows technology to be readily incorporated into multiple devices. The chip in Gifi would likely cost about \$10 or less to build. This and a small design would allow cell phones and other small devices to add the technology without significantly drive up the price, according to the company.

3. Security

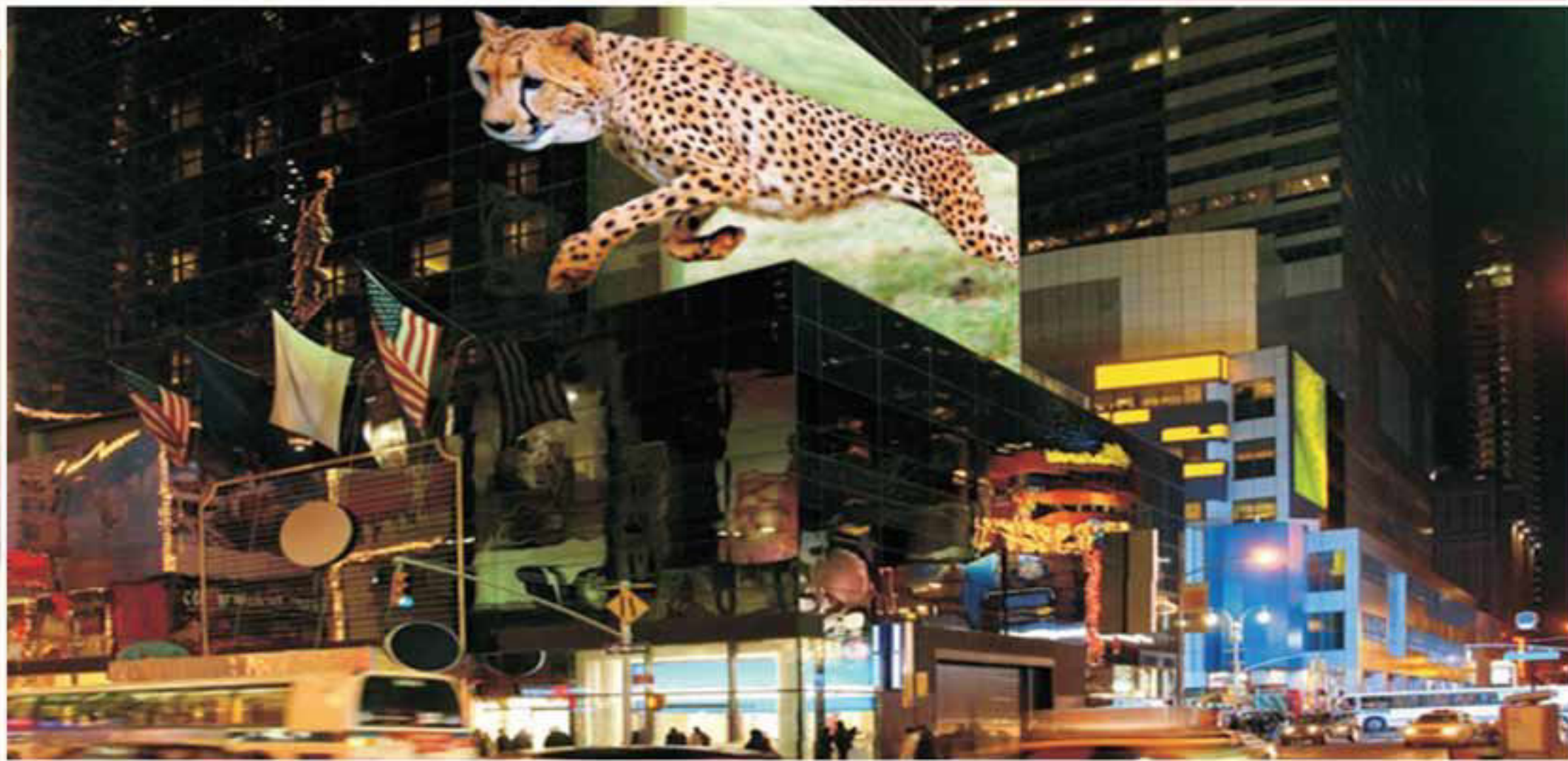
Among the factors that have held back enterprise uptake of wireless LANs outside green field sites have been security fears and lack of performance compared to wire line Ethernet. About 70 per cent of firms have deployed their WLAN in a secure firewall zone but are still using the old WEP protocol, which does not protect the application layer effectively, so better encryption is urgently needed. Secure encryption technology in Gi-Fi ensures privacy and security of content.

4. Simplicity

This Gi-Fi technology allows wireless streaming of compressed high-definition content and operates over a range of 10 meters without interference. Entire transmission system can be built on a cost effective single silicon chip that operates in the unlicensed, 57-64 GHz spectrum band.

Ankita Desai
Lecturer Computer Dept.

Laser-Powered Giant 3-D Display in the Works



A new glasses-free 3-D display would use lasers to create giant images outdoors for electronic billboards, stadium events, and rock shows, researchers say.

The illusion of 3-D comes from how our two eyes see two slightly different views of the world because they are separated by about 6.4 centimeters. The brain fuses those images into a 3-D model of the world.

Whereas a 2-D display shows only a single flat image, 3-D displays present a different image to each eye. Nowadays, 3-D movies and TVs show each eye a different image either using polarized glasses or using glasses that coordinate with the TV to shutter one eye then the other.

Recently, engineers have developed glasses-free 3-D displays that use screens whose pixels send light in specific directions, as opposed to conventional 2-D display pixels, which send light in all directions. As such, these so-called autostereoscopic displays can project a different image into each of the viewer's eyes.

Now engineers in Austria have developed a laser-based autostereoscopic display based on lasers that may potentially have much greater resolution and brightness and could lead to huge displays to feature 3-D images outdoors.

The prototype, developed by scientists at startup company TriLite Technologies in Neutal, Austria, and the Vienna University of Technology, is made of a three by five grid of 3-D pixels, or "trixels." Each trixel is made up of three laser diodes, a microscopic lens, and a rotating microelectro mechanical systems (MEMS) mirror. The mirror deflects the laser beams so that viewers see different images on their left and right eyes. Each trixel is slightly less than 1 cubic centimeter in size.

"There is something magical about walking around and seeing completely different patterns on one and the same screen depending on the direction you are looking at it," says researcher Jörg Reitterer, an electrical engineer at TriLite Technologies and a doctoral student at the Vienna University of Technology.

Farnaz A. Shaikh
Lecturer Computer Dept.

App Makes Traffic Jams Disappear With Flow Optimization



Usually, there's a tangible reason why traffic on highways sometimes comes to a halt. Like, construction, or an accident. Or people slowing down to stare at said accident. But even after the accident (or whatever it was) is long over and cleared up, the traffic jam still exists. And sometimes, traffic jams form for absolutely no reason at all: you're driving on the highway, traffic slows to a crawl, and then speeds back up again with no explanation.

The reason that traffic jams persist even when the cause has been removed is easy to understand. When traffic stops, the cars coming up from behind usually have to stop faster than the cars at the head of the jam can accelerate. This causes a knot of stopped cars that propagates backwards along the highway, which can't be resolved until the volume of cars decreases to the point that there are fewer cars coming up behind the knot than are exiting at the front. This may take a while to happen naturally, especially during rush hour.

But we can fix it, if we all work together. And there is, of course, an app for that.

Smooover is based on the thesis research of Erwin Walraven at Delft University of Technology, the Netherlands. The algorithm he developed can use real-time road sensor and vehicle data, along with road characteristics, to determine what speed limits to set and where to keep traffic flowing at an optimal speed. While the app can certainly do its best to help restore traffic flow once a jam has already occurred, it's best at preventing traffic jams from forming at all.

The speed limits suggested by the Smooover app are different than even adaptive speed limit signs that some highways have already, because Smooover isn't designed to make driving safer, just more efficient. However, by keeping traffic moving and preventing situations where drivers are forced to brake sharply, the app does manage to decrease accidents as well.

Smooover is currently in use on a relatively short highway in the Netherlands. Simulations based on actual traffic flow have shown that the Smooover can potentially reduce aggregate vehicle hours spent on the road by nearly 8 percent if 20 percent of drivers obey the app's suggestions. If in some glorious utopian future, 100 percent of drivers do what Smooover tells them to do, vehicle hours could be reduced by almost 20 percent. And speaking of glorious utopian futures, this is the sort of thing that autonomous cars will excel at, since they can talk to each other and follow all of these rules dynamically.

Farnaz A. Shaikh
Lecturer Computer Dept.

Who is a Lecturer

This is a very good one! Very moving!
From A Principal's speech at a graduation..

He said:

"A Doctor wants his child to become a doctor.....

An Engineer wants his child to become an engineer.....

A Businessman wants his ward to become a CEO.....

BUT a teacher also wants his child to become one of them..!!!!

Nobody wants to become a Lecturer BY CHOICE"!! Very sad but that's the truth.....!!!

One man, a CEO, decided to explain the problem with education. He argued, "What's a kid going to learn from someone who decided his best option in life was to become a Lecturer?"

To stress his point he said;

"You're a Lecturer, Bonnie. Be honest. What do you make?"

Lecturer Bonnie, who had a reputation for honesty and frankness replied, "You want to know what I make? (She paused for a second, then began...)

"Well, I make kids work harder than they ever thought they could.

I make kids sit through 60 minutes of class time when their parents can't make them sit for 5 min. without an I Pod, Game or Mobile.

You want to know what I make.

(She paused again and looked at each and every person)

I make kids wonder.

I make them question.

I make them apologize and mean it.

I make them have respect and take responsibility for their actions.

I teach them how to write and then I make them write.

I make them read, read, read.

They use their God given brain, not the man-made calculator.

I make my students to know about English while preserving their unique cultural identity.

I make my classroom a place where all my students feel safe.

Finally, I make them understand that if they use the gifts they were given, work hard, and follow their hearts, they can succeed in life.

Then, when people try to judge me by what I make, with me knowing money isn't everything, I can hold my head up high and pay no attention because they are ignorant. You want to know what I make?

I MAKE A DIFFERENCE IN ALL YOUR LIVES, EDUCATING KIDS AND PREPARING THEM TO BECOME CEO's, AND DOCTORS AND ENGINEERS.....

What do you make Mr. CEO?

His jaw dropped; he went silent.

THAT'S CALL LECTURER.

Mr. J. M. Barad
Lecturer Computer Dept.

10 GOOD REASONS WHY TO STUDY ELECTRICAL ENGINEERING

1. It's easy to get your first job

Electrical engineering students fairly easy find their first job because most employers in electrical field search for fresh mind, with fresh knowledge and at the same time they get young people they can mold to their own specific needs and make experts out of them.

2. You can work in another country

Working as electrical engineer opens you lots of opportunities in other countries. Laws of math, electricity and physics are universal and your gained knowledge doesn't limit you to only the country you studied in. There are a lot of international companies that need electrical engineers, also most of them are willing to employ people form other countries, and most of them operate on international level that offers you additional options of traveling while working. Besides, you are usually getting payed well for it!

3. Student practice can be extended to employment

Most European universities demand students of electrical engineering to get short practice with companies before they graduate and usually, if you perform well you can extend your praxis into employment after graduation. The employer already knows you already, they know your skills and work ethics and also they usually start to mold you in their "specific needs" profile during your practice.

4. You gain a wide range of knowledge during your studies

Thinking that electrical engineering is just one dimensional is wrong. The range of knowledge gained during studies is amazingly broad and versatile. Even just basic studies gives you wide range of skills - from programming to writing reports; let's face it, reports are required on every step of electrical engineering studies and every employer will demand writing reports on different fields you work on. Even though you are studying a specific part of electrical engineering you will get basics of almost all aspects of electrical engineering and it shouldn't be a big problem to find solutions to a problem that is not strictly in your specific field of expertise.

5. Computer skills

Modern world is run by computers. Most of the people use it on regular basis, but some still struggle with some operations that demand knowledge that goes just a little bit beyond "Click an icon". Electrical engineers are faced with computer problems on every step of their studies and also every day on a job, that's why we usually gain computer skills during studies, when we have to install different programs for our studies, run analysis and weak components or electrical circuits.

6. Adrenaline

Maybe adrenaline isn't first thing that pops in your mind when you think about electrical engineering, but trust me there will be a lot of adrenaline rush moments if you get in electrical engineering. Occasional jolts of electrical charge that hits you when you aren't paying attention and touch the leads of charged capacitor or when you connect 2 wires that you shouldn't or an electrical component more or less explodes in front of your eyes because you connected it on the testing board in the wrong way... Those events make you jump out of your chair and definitely raise your adrenaline level. On the other hand you won't most likely do the same mistake again!

7. DIY

DIY or "Do It Yourself" is one of more exciting reasons why to get in electrical engineering. When you

know how stuff works, what usually malfunction and what are basic rules of electrical engineering you can make your own stuff that usually you need to search for and buy. It's not always cheaper, although some solutions will save you great deal of money, but it works as you want it to work and it's your own creation what gives it additional value and also nice reference in your CV if you are applying for a job. DIY creations are unlimited. You can build a 1 sensor that would cost you 10 in a store or a computer controlled cutter that costs 1000 but you just spent 200 building it.

8. Mr./Mrs. Fix-It

Not only everyday fixes, like changing a burned out light bulb or faulty fuse aren't scary moments any more - you might also be able to cope with more complex problems with your computer etc. That doesn't only save you money but also works great as a pick up line...

9. New stuff gets out all the time - it never gets boring

Electrical and electronic components are modified, invented and reinvented every day, so you will never be bored because you are using same process or component for the last 10 years. New and exciting stuff is available all the time and you will have lots of fun testing an assembling it.

10. Only few simple rules to follow

1. Things work better when plugged to power
2. Electrical components work on smoke - when it gets out you are in trouble
3. If things don't work, read a manual.

PATHAN MOHD. AWAIS KHAN
Electrical Dept.

HOW TO BE SUCCESSFUL IN LIFE:13 TIPS FROM THE WORLD'S MOST SUCCESSFUL PEOPLE

1. THINK BIG.
2. FIND WHAT YOU LOVE TO DO AND DO IT.
3. LEARN HOW TO BALANCE LIFE.
4. HAVE AN UNWAVERING RESOLUTION TO SUCCEED.
5. BE A MAN OF ACTION.
6. AVOID CONFLICTS.
7. DON'T BE AFRAID OF INTRODUCING NEW IDEAS.
8. BELIEVE IN YOUR CAPACITY TO SUCCEED.
9. ALWAYS MAINTAIN A POSITIVE MENTAL ATTITUDE.
10. DON'T LET DISCOURAGEMENT STOP YOU FROM PRESSING ON.
11. BE WILLING TO WORK HARD.
12. BE BRAVE ENOUGH TO FOLLOW YOUR INTUITION.
13. DO NOT BE AFRAID OF FAILURE.

MUSTAKIM I. SAPA
Electrical Dept.

A.P.J. Abdul Kalam

Avul Pakir Jainulabdeen Abdul Kalam is Indian scientist and administrator who served as the 11th president of India from 2002 to 2007. Kalam was born and raised in Rameswaram, Tamil Nadu, studied physics at St. Joseph's College Tiruchirappalli, and aerospace engineering at the Madras Institute of Technology, Chennai. Before his term as president, he worked as an aerospace engineer with Defence Research and Development Organisation (DRDO) and Indian Space Research Organisation (ISRO). Kalam is popularly known as the Missile Man of India for his work on the development of ballistic missile and launch vehicle technology. He played a pivotal organisational, technical and political role in India's Pokhran-II nuclear tests in 1998, the first since the original nuclear test by India in 1974. Kalam was elected the president of India in 2002, defeating Lakshmi Sahgal, was nominated by Bharatiya Janata Party and supported by National Congress, the major political parties of India. He is currently a visiting professor at Indian Institute of Management Ahmedabad, Indian Institute of Management Indore, honorary fellow of Indian Institute of Science, Bangalore, chancellor of the Indian Institute of Space Science and Technology Thiruvananthapuram, a professor of aerospace engineering at Anna University (Chennai), JSS University (Mysuru) and an adjunct/visiting faculty at many other academic and research institutions.

Kalam advocated plans to develop India into a developed nation by 2020 in his book *India 2020*. He has received several prestigious awards, including the Bharat Ratna, India's highest civilian honour. Kalam is known for his motivational speeches and interaction with the student community in India. He launched his mission for the youth of the nation in 2011 called the What Can I Give movement with a central theme to defeat corruption in India.

Avul Pakir Jainulabdeen Abdul Kalam was born on 15 October 1931 in a Tamil Muslim family to Jainulabdeen, a boat owner and Ashiamma, a housewife, at Rameswaram, Ramanathapuram district, located in the Indian state of Tamil Nadu. He came from a poor background and started working at an early age to supplement his family's income. After completing school, Kalam distributed newspapers to financially contribute to his father's income. In his school years, he had average grades, but was described as a bright and hardworking student who had a strong desire to learn and spend hours in his study, especially mathematics. He was just a simple man with a great fierce heart in his childhood. After completing his school education at the Ramanathapuram Schwartz Matriculation School, Kalam went on to attend St. Joseph's College, Tiruchirappalli, then affiliated with the University of Madras, from where he graduated in physics in 1954. Towards the end of the course he was not enthusiastic about the subject and would later regret the four years he studied it. He then moved to Madras in 1955 to study aerospace engineering. While Kalam was working on a senior class project, the dean was dissatisfied with the lack of progress and threatened revoking his scholarship unless the project was finished within the next three days. He worked tirelessly on his project and met the deadline, impressing the Dean who later said, "I [Dean] was putting you [Kalam] under stress and asking

After graduating from Madras Institute of Technology (MIT - E2 - 80 - 93 Chennai) in 1960, Kalam joined Aeronautical Development Establishment of Defence Research and Development Organisation (DRDO) as a scientist. Kalam started his career by designing a small helicopter for the Indian Army, but remained unconvinced with the choice of his job at DRDO. Kalam was also part of the INCOSPAR committee working under Vikram Sarabhai, the renowned space scientist. In 1969, Kalam was transferred to the Indian Space Research Organisation (ISRO) where he was the project director of India's first indigenous Satellite Launch Vehicle (SLV-III) which successfully deployed the Rohini satellite in near Earth's orbit in July 1980. Joining ISRO was one of Kalam's biggest achievements in life and he is said to have found himself when he started to work on the SLV project. Kalam first started work on an expandable rocket project independently at DRDO in 1965. In 1969, Kalam received the government's approval and expanded the programme to include more

engineers. Kalam addresses engineering students at IIT Guwahati. In 1963–64, he visited NASA's Langley Research Center in Hampton, Virginia, Goddard Space Flight Center in Greenbelt, Maryland and Wallops Flight Facility situated at Eastern Shore of Virginia. During the period between the 1970s and 1990s, Kalam made an effort to develop the Polar SLV and SLV-III projects, both of which proved to be success.

Kalam was invited by Raja Ramanna to witness the country's first nuclear test Smiling Buddha as the representative of TBRL, even though he had not participated in the development, test site preparation and weapon designing. In the 1970s, a landmark was achieved by ISRO when the locally built Rohini-1 was launched into space, using the SLV rocket. In the 1970s, Kalam also directed two projects, namely, Project Devil and Project Valiant, which sought to develop ballistic missiles from the technology of the successful SLV programme. Despite the disapproval of Union Cabinet, Prime Minister Indira Gandhi allotted secret funds for these aerospace projects through her discretionary powers under Kalam's directorship. Kalam played an integral role convincing the Union Cabinet to conceal the true nature of these classified aerospace projects. His research and educational leadership brought him great laurels and prestige in 1980s, which prompted the government to initiate an advanced missile programme under his directorship. Kalam and Dr V S Arunachalam, metallurgist and scientific adviser to the Defence Minister, worked on the suggestion by the then Defence Minister, R Venkataraman on a proposal for simultaneous development of a quiver of missiles instead of taking planned missiles one after another. R Venkataraman was instrumental in getting the cabinet approval for allocating 388 crores for the mission, named Integrated Guided Missile Development Programme (IGMDP) and appointed Kalam.

The polling for the presidential election began on 15 July 2002 in the Parliament and the state assemblies with media claiming that the election was a one-sided affair and Kalam's victory was a foregone conclusion. The counting was held on 18 July. Kalam won the presidential election in a highly one-sided contest. He became the 11th president of the Republic of India. He moved into the Rashtrapati Bhavan after he was sworn in on 25 July. Kalam was the third President of India to have been honoured with a Bharat Ratna, India's highest civilian honour, before becoming the President. Dr Sarvepalli Radhakrishnan (1954) and Dr Zakir Hussain (1963) were the earlier recipients of Bharat Ratna who later became the President of India. He was also the first scientist and the first bachelor to occupy Rashtrapati Bhawan. During his term as President, he was affectionately known as the People's President. In his words, signing the Office of Profit Bill was the toughest decision he had taken during his tenure. Kalam is criticised for inaction as a President in deciding the fate of 20 out of the 21 mercy petitions. Article 72 of the Constitution of India empowers the President of India to grant pardon, suspend and remit death sentences and commute the death sentence of convicts on death row.

Kalam served as the 11th President of India, succeeding K R Narayanan. He won the 2002 presidential election with an electoral vote of 922,884, surpassing 107,366 votes won by Lakshmi Sahgal. He served from 25 July 2002 to 25 July 2007. On 10 June 2002, the National Democratic Alliance (NDA) which was in power at the time, expressed to the leader of opposition, Indian National Congress president Sonia Gandhi that they would propose Kalam for the post of President. The Samajwadi Party and the Nationalist Congress Party backed his candidacy. After the Samajwadi Party announced its support for him, Narayanan chose not to seek a second term in office, leaving the field clear for Kalam. I am really overwhelmed. Everywhere both in Internet and in other media, I have been asked for a message. I was thinking what message I can give to the people of the country at this juncture. Kalam responding to the announcement of his candidature by Prime Minister Atal Bihari Vajpayee On 18 June, Kalam filed his nomination papers in the Parliament of India, accompanied by Vajpayee and his senior Cabinet colleagues.

Gangani Piyush K.
Electrical Dept.



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એક મહાત્મા એક ઘાટના કિનારે બેસીને બોલ્યા કરે: જે ઈચ્છશો એ પામશો... જે ઈચ્છશો એ પામશો...

ઘણા લોકો ત્યાંથી પસાર થાય, પણ મહાત્માની વાત પર ધ્યાન આપે નહીં ને ઊલટાના એને પાગલ સમજે. એક યુવાન મહાત્માની વાત સાંભળીને એમની પાસે પહોંચી ગયો ને પૂછ્યું: ‘મહારાજ, આપ બોલ્યા કરો છો કે જે ઈચ્છશો એ પામશો તો શું આપ મને એ વસ્તુ દઈ શકશો, જેની હું ઈચ્છા રાખું?’

મહાત્મા કહે: ‘હા બેટા, તું જે કંઈ ઈચ્છે છે એ હું તને જરૂર આપીશ. બસ, તારે મારી વાત માનવી પડશે. તું મને એ કહે કે તું ઈચ્છે છે શું?’ યુવાન કહે ‘મહારાજ, મારી એક જ મહત્વાકાંક્ષા છે. હું હીરાનો બહુ મોટો વેપારી બનવા માગું છું.’

મહાત્મા કહે: ‘સારું, હું તને એક હીરો અને એક મોતી આપું છું. એનાથી તું ચાહે એટલાં હીરા-મોતી બનાવી શકીશ.’

એટલું કહેતાં જ મહાત્માએ પોતાનો હાથ પેલા યુવાનની હથેળી પર રાખીને કહ્યું: ‘બેટા, હું તને દુનિયાનો સૌથી અણમોલ હીરો આપું છું. લોકો એને સમય કહે છે. એને તું મારી મુઠ્ઠીમાં પકડી લે, એને ક્યારેય ખોઈ ન નાખીશ. એનાથી તું અઢળક હીરા કમાઈ શકીશ.’

યુવાન હજુ કંઈ વિચારે ત્યાં મહાત્માએ એની બીજી હથેળી પર હાથ રાખીને કહ્યું: ‘આ પકડ, દુનિયાનું સૌથી કીમતી મોતી, એનું નામ છે ઘૈર્ય, પ્રયાસો પછીય પરિણામ ન મળે ત્યારે આ મોતી ધારણ કરી લેજે. જેની પાસે આ મોતી છે જોઈએ તે પ્રાપ્ત કરી શકે છે.’ યુવાને મહાત્માની વાત બરાબર પકડી લીધી. ને હીરા-મોતીનો ખૂબ મોટો વેપારી બની ગયા.

તાત્પર્ય એ કે સમય અને ધીરજ એવા અમૂલ્ય હીરા-મોતી સમાન છે કે જેનાથી ગમે એવું મોટું ઘૈર્ય પ્રાપ્ત થઈ શકે છે. કીમતી સમય વેડફો નહીં ને પોતાના લક્ષ્ય સુધી પહોંચવા ધીરજથી કાર્યસ્ત રહો.



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એક માણસ ટેકસીમાં બેસીને એરપોર્ટ પર જઈ રહ્યો હતો. ટેકસી ડ્રાઈવર મોજુલો હતો. ધીરે ધીરે ગીત ગણગણતાં એ બહુ જ કુશળતાપૂર્વક ટેકસી હાંકી રહ્યો હતો.

એવામાં રોન્ગ સાર્ડમાંથી અચાનક એક કાળી કાર આ ટેકસીની બરાબર સામે આવી ગઈ. ટેકસી ડ્રાઈવરે જોરદાર રીતે બ્રેક લગાવીને ચિચિવારી કરતી ટેકસી પેલી કારથી એકાદ-બે ઈંચ દૂર અટકી ગઈ. ભયાનક અકસ્માત થતાં રહી ગયો.

જો કે પેલી કારનો ડ્રાઈવર તો ગુસ્સાથી રાતોપીળો થઈને ટેકસી ડ્રાઈવરને ચિલ્લાવવા લાગ્યો. એની સામે ટેકસી ડ્રાઈવરે શું કર્યું? એણે પેલા કારચાલકને એક મૈત્રીભર્યું સ્મિત આપ્યું અને એની સામે હળવેથી હાથ હલાવીને ફરીથી ટેકસી આગળ ચલાવવા લાગ્યો.

ટેકસી ડ્રાઈવરનું આવું મૈત્રીભર્યું વર્તન જોઈને ટેકસીમાં મુસાફરી કરતો માણસ એને પૂછે છે:

‘એ માણસનો જ વાંક હતો તે ટેકસી કન્ટ્રોલ કરી લીધી ન હોત તો અત્યારે આપણે બન્ને હોસ્પિટલના બિછાના પર હોત. આમ છતાં તે એને કશું કહ્યું નહીં?’

ટેકસી ડ્રાઈવર કહે: ‘ઘણા લોકો કચરાગાડી જેવા હોય છે. પોતાની અંદર ગુસ્સો, હતાશા અને નિરાશાનો કચરો ઠાંસોઠાંસ ભરીને ફરતા હોય છે. જેમ આવો કચરો વધતો જાય તેમ એમને એ ઠાલવાની જરૂરીયાત ઊભી થાય અને ઘણી વાર એ તમારા પર પણ ઠાલવે ત્યારે એને વ્યક્તિગત લેવો નહીં.’

સારાંશ એક કે કંઈ અણગમતું બને તો બીજાના કચરાને પોતાનો બનાવીને ઘરે, કામકાજના સ્થળે કે રસ્તા પર અન્ય લોકો પર એ કચરો ઠાલવવો નહીં. વિંદગીમાં નેવું ટકા બનાવ એવા હોય છે કે તમે એને કઈ રીતે લો છો આથી જ સફળ એ છે કે જે કચરાગાડી લઈને ફરતો નથી, પણ એ સ્મિત રેલાવે છે ને બીજાનું ભલું ઈચ્છે છે.



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એક કાગડો અને એક કોયલ, બન્ને વચ્ચે દોસ્તી ભેગા થાય ત્યારે સુખ:દુ:ખની વાતો કરે.

કાગડો હંમેશા આખી દુનિયાની ફરિયાદ કહ્યાં કરે કે લોકોને દીઠે ગમતો નથી. એનો કર્કશ અવાજ સાંભળીને કાને હાથ દાબી દઈને ધુત્કારવા લાગે છે... આવી તો એની રોજની ફરિયાદ. કોયલ એકની એક વાત સાંભળીને કંટાળે, પણ સહાનુભૂતિથી સાંભળ્યા કરે.

એક દિવસ તો કાગડાએ હદ કરી નાખી. એ કોયલને કહે ‘લોકોનો મારા પ્રત્યેનો ઢિલ્કાર હવે મારાથી સહન થતો નથી આ સ્થળને રામ રામ કરીને બીજે ક્યાંક ચાલ્યો જાઉં છું.’

કોયલને પૂછ્યું: ‘એ તો કહોઅ કે ક્યાં જશો?’

કાગડો કહે: ‘ગમે ત્યાં, મારા મનને ગમે ત્યાં ચાલ્યો જઈશ’

કોયલને મુદ્દાઓ સવાલ કર્યો: ‘તમારા મનને ગમે ત્યાં કે પછી લોકોને તમે ગમો ત્યાં?’

કાગડો થોડા કચવાટ સાથે કહે: ‘ખરેખર તો લોકોને હું ગમું ત્યાં.’ કોયલ કહે: ‘ત્યાં પણ અહીં જેવું જ નહીં થાય એવું કોણે કહ્યું? અહીં તમારો કંઠ કોઈને પસંદ ન પડ્યો તો જ્યાં જશો ત્યાં સૌને એ ગમશે જ એવી કોઈ ખાતરી ખરી?’

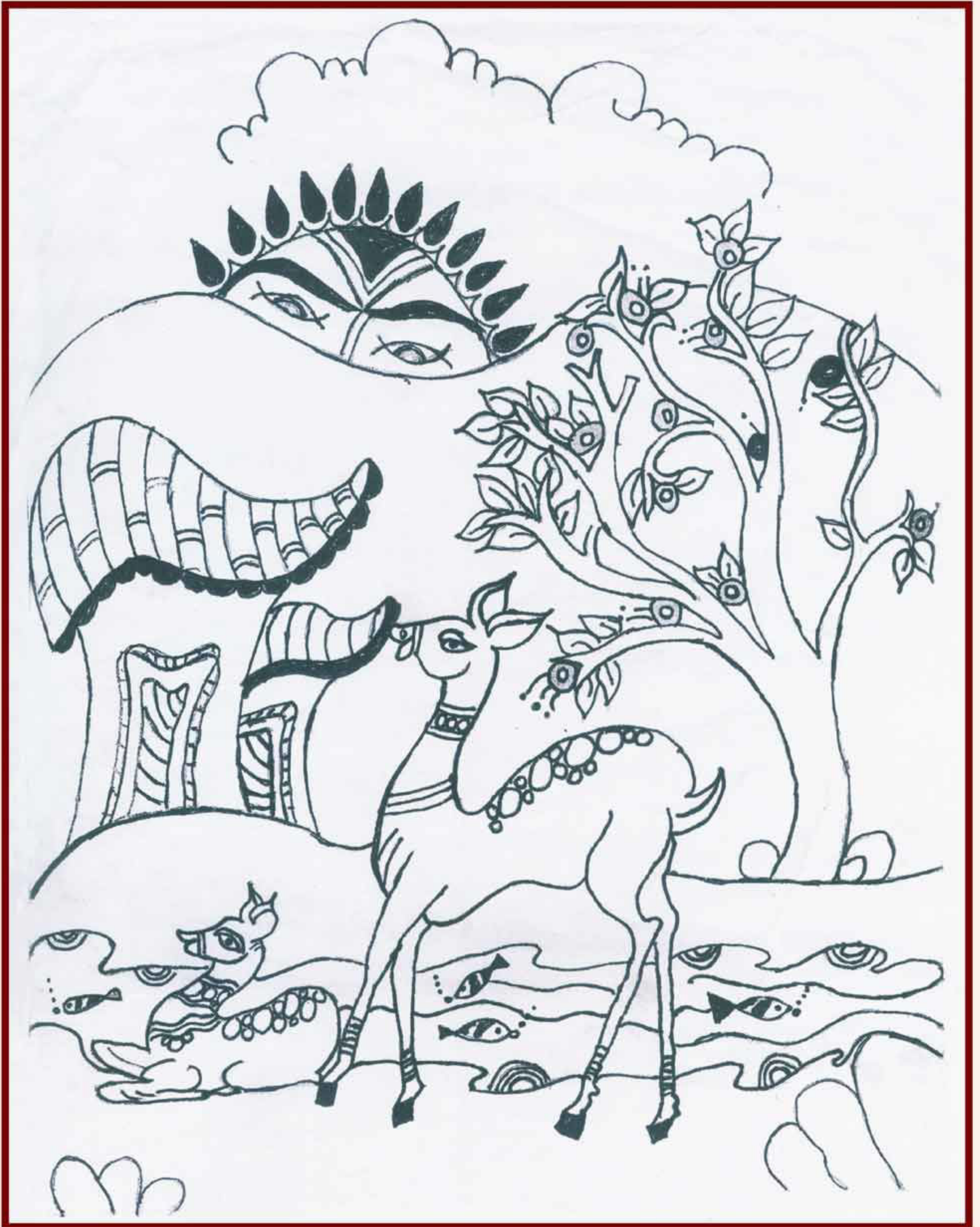
‘એવી ખાતરી કોણ આપે? અને બીજે ગયા વિના કશી ખબર પણ કેમ પડે? ‘એક અનુભવ પૂરતો નથી? બીજો અનુભવ પણ આવો જ કડવો થયો તો?’

‘તો પછી તું જ કહે કે મારે કરવું શું?’

‘લોકોનો દોષ કાઢવાના બદલે તમારા અવાજની કર્કશતા ઓછી થાય એટું કંઈક કરો આજથી...’

સારાંશ એ કે વક્રદ્રષ્ટિ ધરાવનારને પોતાની ખામી નજરે પડતી નથી, પણ હંમેશા બીજા લોકોનો જ દોષ દેખાયા કરે છે. પોતાનો દોષ સુધારવાથી આપોઆપ અન્યના દોષ પણ નહીં દેખાય. મૂળ વાત છે જેવી દષ્ટિ એવી સૃષ્ટિ.

સૌજન્ય “ચિત્રલેખા”



Ankita J. Vasava
Civil Dept.



ॐ गणेशाय नमः

Pinal B. Parmar
E & C Dept.

PATRAKAR PARISAD

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ગુજરાતમિત્ર, ગુજરાત સમાચાર, દિવ્ય ભાસ્કર, ધબકાર, સંદેશ, લોકતેજ વગેરે પ્રિન્ટ મિડીયા તેમજ ઇલેક્ટ્રોનિક મિડીયા એ.વાય. દાદાભાઈ ટેકનીકલ ઇન્સ્ટીટ્યુટ ખાતે વિવિધ વિદ્યા શાખાના છેલ્લા વર્ષના વિદ્યાર્થીઓના પ્રોજેક્ટોનું નિરીક્ષણ કરવા હેતુ તથા સંસ્થાના ટ્રસ્ટીગણ અને પ્રિન્સીપાલ સાથે ચર્ચા વિચારણા અંગે એકત્રિત થયા હતા.

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