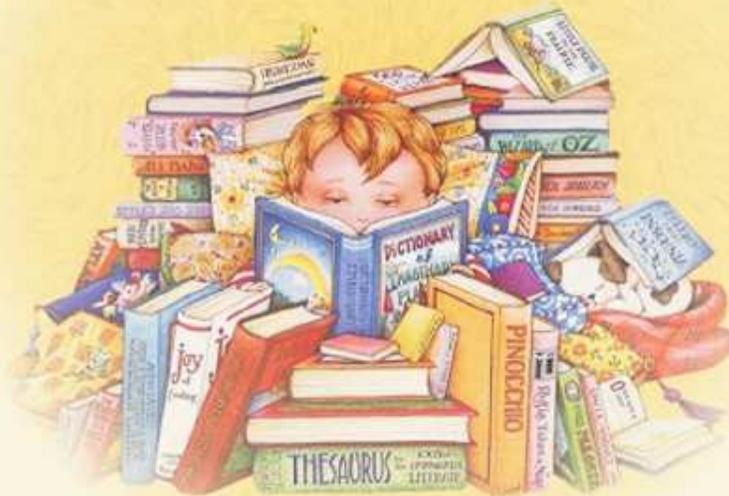


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welcome



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A. Y. Dadabhai Technical Institute (Polytechnic)

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ABOUT TRUST

ABOUT TRUST

The Suratee Sunni Vohra Muslim Education Society Surat established in Surat in 1947, which is fully devoted to the noble cause of spread of education in the community of South Gujarat region. Trust objective is to impart quality education from Nursery, Primary, Higher Secondary, and Undergraduate to Post Graduate levels in Art, Science, Commerce, Vocational Training, Diploma Engineering, Technical Medicine etc.

The Surtee Sunni Vohra Muslim Education Society SURAT (SSVMES) is established in 1947 under the Bombay Public Trust act. 1950 (BOM XXIX of 1950) at Baroda Trust Registration No. F-14 Surat dated 21/07/1953

MISSION STATEMENT

A. Y. Dadabhai Technical Institute, Kosamba, Dist. Surat aims to prepare high quality, dynamic and market driven technical manpower in various branches of engineering to cater the exact needs of industries, business and community and make them good and worthy citizens of our great country.

We are committed to empower the staff and students with essential technical knowledge and skill so that they will add their potential for over all progress and development of nation.

VISION STATEMENT

To develop the institute as a center for excellence in technical education and to equip our stack holders with quality technical knowledge for better future of nation.

CONTENTS

EDITORIAL

1. Complementary messages
2. Institute profile
 - Academic programmes
 - Facilities
 - Departments details
 - Looking beyond curriculum
 - ISTE chapter
 - Training & Placement Cell
 - Alumni association
 - Achievements
 - Udisha club
3. Technical section
4. General section (English + Hindi + Gujarati)
5. Academic report
 - Students chapter

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Lect. Gen. Dept.

It is indeed a great pleasure and proud privilege for our institute to present the annual magazine **Rohein** (path to glory).

The first issue of the magazine attempt to represent the complete picture of resources, facilities, events, activities & progress of the institute. It also shows the flair or students & faculty members in the field of technical developments, arts, literature, sports etc.

I would sincerely place thanks to our students, faculty members & principal sir for their constant support for giving shape to this magazine.

Last but not the least; I would like to thank our management trust "The Suratee Sunni Vohra Muslim Education Society, Surat" without whom this magazine would not have been possible.

I acknowledge the comments & suggestions received from the readers towards the improvement of this magazine and will be highly appreciated.



Pranay Surti
Chief Editor
A.Y.Dadabhai Technical Institute

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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.

COMPLIMENTARY MESSAGES



ભાણભાઈ પટેલ સા.

(પ્રમુખશ્રી, ધી સુરતી સુન્ની વહોરા મુસ્લિમ
એજ્યુકેશન સોસાયટી, સુરત.)

કૌમના મુખ્લીરા દુરંદેશ હિતચિંતકો, શુભેચ્છોકરે આપણા દેશની આઝાદીના સમયે કૌમને શૈક્ષણિક તથા આર્થિક રીતે સહકાર કરવાના શુભ આશયથી ૧૯૪૭ માં ધી સુરતી સુન્ની વહોરા મુસ્લિમ એજ્યુકેશન સોસાયટીની સ્થાપના કરવામાં આવી હતી. ૬૫ વર્ષ પહેલાં પણ કાર્યકરોએ ટેકનીકલ શિક્ષણને એના બંધરણમાં ઉદ્દેશ અને હેતુમાં સમાવેશ કરવામાં આવ્યો હતો.

શરૂઆતના વર્ષોમાં સંસ્થા ફંડ ભેગું કરી ગરીબ વિદ્યાર્થીઓને શિક્ષણ પ્રાપ્ત કરવા માટે સ્કોલરશીપ સ્વરૂપે મદદ કરી હતી.

સમય વિતાતો ગયો અને સમાજની શૈક્ષણિક જરૂરીયાત વધતી ગઈ. દુર દરાજના (ઈન્ટીરીયલના) ગામો જ્યાં સ્કુલની વ્યવસ્થા ન હોય વિદ્યાર્થીઓ ધો. ૫ પછી અભ્યાસ છોડી દેવો પડતો હતો. ત્યારે વિદ્યાર્થીઓને અભ્યાસ છોડવો ન પડે માટે રહેવા જમવા સાથો શાળાની સુવિધા પ્રાપ્ત થાય માટે ૧૯૮૮માં કોંટ ખાતે એક નિવાસી શાળાની શરૂઆત કરવામાં આવી.

સને ૧૯૯૮ માં સંસ્થાનું ૫૦મું ગોલ્ડન જ્યુબિલી આધિવેશન મોટાવરાછા ખાતે યોજાયું. એ પ્રસંગે દેશ-વિદેશથી ઘણા બધા શુભેચ્છોકરો હાજરી આપી વિવિધ સુચનો કર્યા. ત્યારે એક સુચન ટેકનીકલ શિક્ષણ તરફ પણ અંગુલી નિર્દેશ કરવામાં આવ્યો અને સંસ્થાના કાર્યકરો કોન્સન્ટ્રેશન (Concentration) સંપૂર્ણ ટેકનીકલ તરફ કેન્દ્રીત કર્યું.

સને ૨૦૦૧માં રામપુરા, સુરત ખાતે IT.I. ની શરૂઆત કરી અને ટેકનીકલ પ્રોજેક્ટ અંગે જગ્યાની શોધ કરવાનું ચાલુ કરી દીધું. બે ગામોએ જગ્યા આપવાની ઓફર કરી પરંતુ A.I.C.T.E. ના નિતી નિયમોને આધિન એ જગ્યાઓ પુરતી ન હતી. એ સિવાય ઘણા વિદ્વનો આવ્યા પરંતુ હાર કબુલે તે બીજા ડો. જી. આઈ. મોતાલા સા. નહીં, જેમણે સમાજ માટે (કૌમ માટે) પોતાનું સર્વસ્વ અર્પણ કરી દીધું હતું. તેમણે જ છેવટે પોતાના કાકા હાજી અહમદ મોતાલા સા. (મોગલ) તથા દિકરા ચુસુફની ૭ વિંદા જમીન દાનમાં આપી દીધી અને આજ-બાજુની જમીન ખરીદી ફેબ્રુઆરી ૨૦૦૫માં પાયા વિધી કરવામાં આવી.

સને ૨૦૦૮ ઓગષ્ટમાં એ.વાય.દાદાભાઈ. પોલી ટેકનીક ઈન્સ્ટીટ્યુટની શરૂઆત થઈ. અને મારે કહેવું બેઈએ કે, ટૂંકા ગાળામાં આપણી એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ એ આજે ગુજરાતની નામાંકિત પોલીટેકનીકની હરોળમાં ઉભી રહી છે, એ આપણા માટે આનંદની બાબત છે. પ્રથમ ટેકનીકલ સુવિનીયર પ્રસિધ્ધ કરવા બદલ માનનીય આચાર્યશ્રી સહીત તમામ સ્ટાફ મિત્રોને, સંસ્થાના તમામ કાર્યકરો વતી હું અભિનંદન પાઠવું છું.

COMPLIMENTARY MESSAGES

A.Y. Dadabhai Technical Institute Kosamba, Dist. Surat has entered into its fourth year of operation. Since beginning in 2008, our motto is to build a ideal polytechnic which can cater the all types of technical need of community, society and industry.

Our institute, society and industry to improve quality in education, promote modernization and the adoption of best practices.

Rahein (path to glory) is the first effort of our team, to exhibit our progress report with some technical knowledge - how of our staff and students in the market. It is a humble try to expand the activity of institute, but in future we will do better.

I am thankful to all team members of Rahein, and A.Y.D. staff & students.



M.M. Dalchawal
Principal
A.Y.Dadabhai Technical Institute

I was much exhilarated to read that your gradual progress, has completed you to publish college magazine **Rahein** in fact.

I was looking forward to suggest you on my next visit to Kosamba.

In advance I congratulate you Mr. Principal faculty members and students to a success in your venture.

This is my prayer to Allah Subhanahu Taallaa.

Wish you all success, salaams
Mohamed Ahmed Dadabhoy, Dubai.

શુભેચ્છા - સંદેશ



મેહમુદ ઈસ્માઈલ બાંગી સા.

(ઓન. સેક્રેટરી, ધી સુરતી સુન્ની વહોરા મુસ્લિમ
એજ્યુકેશન સોસાયટી, સુરત.)

રાષ્ટ્રના નિર્માણ માટે તંદુરસ્ત સમાજની રચના જરૂરી છે. સમાજની નામાંકિત અને સેવાભાવી સંસ્થા ધી સુરતી સુન્ની વહોરા મુસ્લિમ એજ્યુકેશન સોસાયટી સુરત સંચાલિત એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ, કોસંબાને ચોથી સંવત્સરી નિમિત્તે અંતઃકરણપૂર્વક શુભેચ્છા પાઠવું છું.

સંસ્થાની આ બુનિયાદ સમગ્ર ગુજરાત રાજ્ય અને વિશેષતઃ દક્ષિણ ગુજરાતના તમામ સમાજના માટે આશીર્વાદ રૂપ છે. ખૂબ ટૂંકાગાળામાં સંસ્થાએ અબોડ અને બેનમૂન ખ્યાતિ પ્રાપ્ત કરી છે. મારા મતે સોસાયટીના ઇતિહાસનું આ સ્વર્ણમિષ્ટક છે. સંસ્થા ઉત્તરોત્તર કામ્યાબીના શિખરો સર કરે તેવી અલ્લાહપાકથી હૃદયપૂર્વક દુઆ ગુજારું છું.

વિકસતી ક્ષિતિજે અને શિક્ષણની સાથે વિદ્યાર્થીઓમાં માનવતા, રાષ્ટ્રભક્તિ અને કોમી એકતાનો પાયો સુદૃઢ બને તેવી અભિલાષા વ્યક્ત કરું છું.

“મેં અકેલા હી ચલા થા જાનિબે મંઝિલ મગર,
લોગ સાથ આતે ગએ ઔર કારવાં બનતા ગયા.”

COMPLIMENTARY MESSAGES

"In the era of modern technology & industrial advancement **Rohini** play an important role to give glorious path to students, staffs & industris. My best wishes for the success of this magazine."

Prof. K. H. Patel

Head of Mech. Engg. Dept.

Dr. S & S.S. Gandhi College of Engg. & Tech.



ધી સુરતી સુન્ની વહોરા મુસ્લિમ એજ્યુકેશન સોસાયટી, સુફીબાગ, સુરત સંચાલિત એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ, કોસંબા ગુજરાતની તમામ સેલ્ફફાઈનાન્સ ડીપ્લોમા ઈજનેરી કોલેજોમાં છેલ્લા ચાર વર્ષો દરમિયાન મોખરાના સ્થાન સાથે પ્રગતિ કરી પાંચમાં વર્ષમાં ચશસ્વી પ્રવેશ કરી રહેલ છે. તે બદલ સંસ્થાના કુશળ વહીવટકર્તાઓ અને વિશેષમાં કોલેજના આચાર્ય તથા શૈક્ષણિક અને બિનશૈક્ષણિકના તમામ સભ્યોને પ્રાર્થન પ્રિન્ટર્સ, સુરત હાર્દિક શુભેચ્છા પાઠવે છે. તેમજ ભવિષ્યમાં વધુ ઉત્તરોત્તર પ્રગતિ માટે દુઆ ગુજારે છે.

Prime Printers સુરત.

INSTITUTE

ABOUT INSTITUTE

A.Y.Dadabhai Technical Institute (polytechnic) established in 2007, and first admission of 240 students in 2008, since 2009 our intake increase to 360 with five diploma engineering courses. The institute is approved by A.I.C.T.E. (Got.of India) with permanent ID No.1-404292091

ACADEMIC PROGRAMMES

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

FACILITIES

- Qualified and experienced faculties
- Well equipped laboratories
- Latest computer centers
- Seminar hall with modern audio-visul facilities
- Green, campus & surroundings and educational atmosphere
- 24 x 7 Internet connectivity
- Full-fledge library with full of technical books and magazines with e-library facilities.
- Co-curricular and extra curricular activities.
- Good inter-college relations
- Industry-institute interaction cell
- All possible facilities for sports with ground
- Regular industrial visits & training
- Management is committed for quality education
- Trust has vision for higher & technical education

OVER VIEW OF INSTITUTE



Institute view



A - wing



Garden view of A - wing



Garden view of B - wing



Corner view inside B - wing

OVER VIEW OF INSTITUTE



Mechanical Workshop



Canteen



View from Central Garden



Inside A - wing



Computer Lab.

OTHER FACILITIES ❖

• Students Store :-

The student store is running no profit no loss bases, provides all necessary material, stationary, instruments etc.

• Sports :-

The play ground is available for cricket, volleyball etc. the necessary kits provided by institute. The sports week arranged every year, there is facility for indoor games also GTU also arrange such type of activity.

LOOKING BEYOND CURRICULUM ❖

- Besides academics, students are encouraged to participate in co-curricular and extra curricular activities which are spread over the entire academic calendar like :-
 - Annual programme
 - Debates
 - Quiz
 - Seminars
 - Group Discussion
 - Sports Like, Cricket, Volleyball, Badminton
 - music, dance
 - Blood Donation Camp
 - Thelesemia awarness programme

ISTE CHAPTER ❖

❖ About ISTE:

The Indian society for Technical Education is a national, professional, non-profit making society registered under the Societies Registration Act of 1860. First started in 1941 as the Administration of Principals of Technical Institutions (APTI), it was converted into "Indian society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technological education.

❖ The major objectives of the ISTE are:

- To formulate the general goals & responsibilities of technical education.
- To adjust curriculum & educational processes to changing conditions.
- To develop effective teachers & educational administrators.
- To improve instructional methods & practices & administrative usages.
- To enhance professional ideas & standards.
- To fortes research as a function complementary to teaching.
- To cultivate fraternal spirit amongst the teachers, administrators, industrialists & professionals.
- To bring about effective linkage between technical institutions industry & society.
- To award honorary fellowship, Awards and prizes, for furthering the objectives of Technical Education.



❖ **The following course modules are available with the ISTE:**

- Induction trainings for teachers
- Institutional management
- Industry-Institute Interaction
- Strategic planning for Institutional development
- Performance Appraisal and Development System
- Leadership in Institutions
- TQM in technical education
- Women in Development
- Primary management skills
- Environmental Issues in Technical Education

❖ **Role of our Institute under ISTE:**

Our Institute getting Institutional membership certificate and ISTE chapter certificate in November-2012 with 35 staffs having lifetime membership.

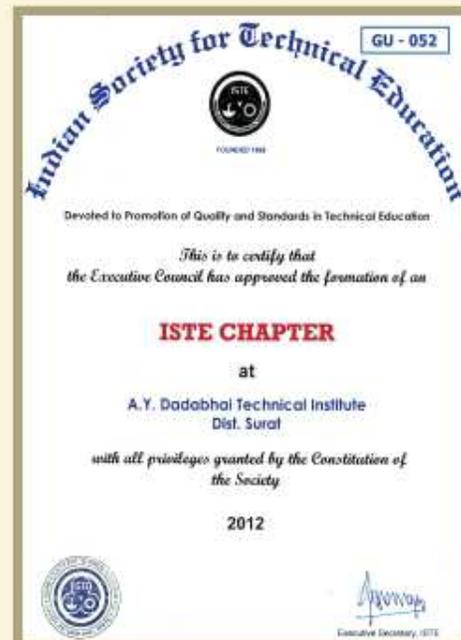
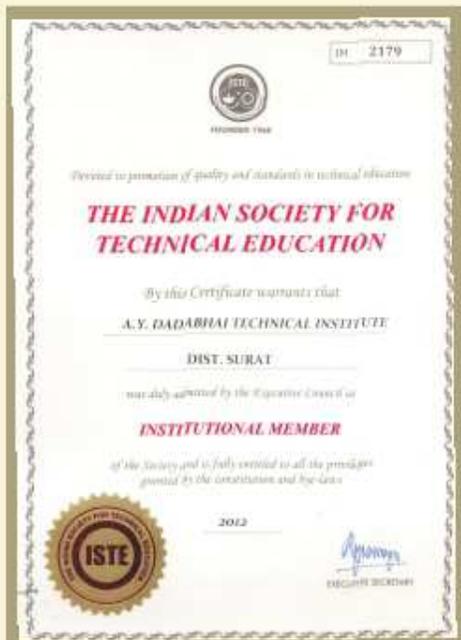
With Institutional membership and ISTE chapter certificate we can organize any activity/course module said above.

ISTE chapter is divided into staff chapter and student chapter.

Under ISTE staff chapter we can organize any faculty development program like STTPs for improving skills of the staffs.

Under ISTE student chapter we can organize various activities for the students for their development.

We will start our ISTE chapters in the starting of the even semester.



DETAILS OF DEPARTMENTS

◆ CIVIL ENGG. DEPT. ◆



Construct mind to design the world

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 programme in addition to creating capabilities for different field of civil engineering.

VISION

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

► Laboratories: -

- Surveying Lab.
- Hydraulics Lab.
- Environmental Engineering Lab.
- Applied Mechanics Lab.
- Engineering Mechanics Lab.



Applied Mechanics Lab.



Environmental Engineering Lab.



Environment Engg. Lab.



Surveying Lab.



Total Station

CIVIL STAFF DETAIL



NAME : **Mr.P A Patel**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **BE CIVIL**
 EXPERIENCE(Years) : **2 (Industrial) 6.0 (Teaching)**
 DATE OF JOINING : **16/07/08**
 E-MAIL ID : **pranav_hesch@yahoo.com**



NAME : **Mrs.B M Patel**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **BE CIVIL**
 EXPERIENCE(Years) : **0 (Industrial) 3.0 (Teaching)**
 DATE OF JOINING : **01/08/09**
 E-MAIL ID : **binta17_patel@yahoo.com**



NAME : **Miss.T C Patel**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **BE CIVIL**
 EXPERIENCE(Years) : **0 (Industrial) 3.0 (Teaching)**
 DATE OF JOINING : **01/08/09**
 E-MAIL ID : **patel_tejal85@yahoo.com**



NAME : **Mr.T A Shaikh**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **BE CIVIL**
 EXPERIENCE(Years) : **0 (Industrial) 2.5 (Teaching)**
 DATE OF JOINING : **26/07/10**
 E-MAIL ID : **taufir46@yahoo.com**



NAME : **Miss.N D Shaikh**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **BE CIVIL**
 EXPERIENCE(Years) : **0 (Industrial) 2.0 (Teaching)**
 DATE OF JOINING : **26/07/10**
 E-MAIL ID : **shaikh.nafisa3@gmail.com**



NAME : **Mrs.T B Timba**
 DESIGNATION : **LAB ASSISTANT**
 QUALIFICATION : **- DIPLOMA IN CIVIL**
 EXPERIENCE(Years) : **- 3 (Industrial) - 4.0 (Teaching)**
 DATE OF JOINING : **08/09/08**
 E-MAIL ID : **trupti.civil80@gmail.com**

DETAILS OF DEPARTMENTS

❖ COMPUTER ENGG. DEPT. ❖



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.

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.

ABOUT DEPARTMENT

The department strives to make learning more creative, interactive and information driven by using sophisticated methods. High end, sophisticated computing facilities are available to meet the project requirements and to encourage research activities. Computers across all the laboratories have been networked for effective use of facilities available.

FACILITIES

- Fully air conditioned, spacious and well equipped with High end Computers having latest Pentium Processors, with 8 Mbps internet speed.
- All computers are having latest version, with UPS for back up. More over printers, scanner etc. also available.
- A well designed Laboratory Having Many types of software with an LCD projector with capacity of 50 seats available with air conditioning machine.



Computer Lab. (A - wing)



Computer Center (B - wing)

COMPUTER STAFF DETAILS



NAME : Mrs. S S Multani
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. COMPUTER
 EXPERIENCE(Years) : 0 (Industrial) 4.0 YEAR (Teaching)
 DATE OF JOINING : 01/07/08
 E-MAIL ID : raz_m_ch@yahoo.co.in



NAME : Mr. J M Barad
 DESIGNATION : LECTURER
 QUALIFICATION : BE IT, MSC BIOINFORMATICS
 EXPERIENCE(Years) : 0 (Industrial) 4.0 YEAR (Teaching)
 DATE OF JOINING : 06/07/09
 E-MAIL ID : baradjaydeep@yahoo.com



NAME : Miss. A K Desai
 DESIGNATION : LECTURER
 QUALIFICATION : BE COMPUTER
 EXPERIENCE(Years) : 0 (Industrial) 2.0 YEAR (Teaching)
 DATE OF JOINING : 26/07/10
 E-MAIL ID : ankidesai87@gmail.com



NAME : Mr. N C Tailor
 DESIGNATION : LECTURER
 QUALIFICATION : BE COMPUTER
 EXPERIENCE(Years) : 0.8 (Industrial) 2.0 YEAR (Teaching)
 DATE OF JOINING : 01/08/10
 E-MAIL ID : ntaylor109@gmail.com



NAME : Mr. V M Patil
 DESIGNATION : LECTURER
 QUALIFICATION : BE COMPUTER
 EXPERIENCE(Years) : 1 (Industrial) 3.0 YEAR (Teaching)
 DATE OF JOINING : 26/08/10
 E-MAIL ID : patilvijayce@gmail.com



NAME : Mrs. P A Mali
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. COMPUTER
 EXPERIENCE(Years) : - (Industrial) - 0.6 YEAR (Teaching)
 DATE OF JOINING : 09/01/2012
 E-MAIL ID : priyamali43@yahoo.co.in



NAME : Ms. F A Shaikh
 DESIGNATION : Lecturer
 QUALIFICATION : B.E [E.C]
 EXPERIENCE(Years) : 0 (Industrial) 1.2 (Teaching)
 DATE OF JOINING : 23/08/2012
 E-MAIL ID : farnazshaikh97@yahoo.com



NAME : Mr. A M Hans
 DESIGNATION : Lecturer
 QUALIFICATION : B. TECH [C S E]
 EXPERIENCE(Years) : 0 (Industrial) 0.2 (Teaching)
 DATE OF JOINING : 17/09/2012
 E-MAIL ID : abdullah.hans@yahoo.com



NAME : Mr. A A Panchbhaya
 DESIGNATION : LAB ASSISTANT
 QUALIFICATION : Under Graduate(Diploma in IT),B.COM
 EXPERIENCE(Years) : 0.4 (Industrial) 1.0 (Teaching)
 DATE OF JOINING : 01/04/10
 E-MAIL ID : asif201083@yahoo.co.in



NAME : Mr. C V More
 DESIGNATION : LAB TECHNICIAN
 QUALIFICATION : Under Graduate(Diploma in hardware & networking)
 EXPERIENCE(Years) : - (Industrial) 2.5 (Teaching)
 DATE OF JOINING : 01/09/10
 E-MAIL ID : chins_16130@yahoo.com

ELECTRONICS & COMMUNICATION



❖ ELECTRONICS & COMMUNICATION ENGG. DEPT. ❖

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.

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.

- Basic Electronics Lab.
- Electronic Devices & Circuits Lab.
- Digital Electronics & Microprocessor Lab.
- Communication Engg. Lab.
- PCB Design & VLSI Lab.



Communication Engg. Lab.



Electronic Devices & Circuits Lab.



Digital Electronics & Microprocessor Lab.

ELECTRONICS & COMMUNICATION ENGINEERING STAFF DETAILS



NAME : Mr. S M Kukana
 DESIGNATION : LECTURER
 QUALIFICATION : BE ELECTRONICS
 EXPERIENCE(Years) : 0 (Industrial) 5.9 (Teaching)
 DATE OF JOINING : 12/02/09
 E-MAIL ID : shail_svnitec@yahoo.co.in



NAME : Mr. R R Chaudhari
 DESIGNATION : LECTURER
 QUALIFICATION : BE - EC
 EXPERIENCE(Years) : 0 (Industrial) 2.11 (Teaching)
 DATE OF JOINING : 08/02/10
 E-MAIL ID : chaudharirohit175@gmail.com



NAME : Mr. M H Chamadiya
 DESIGNATION : LECTURER
 QUALIFICATION : BE - EC
 EXPERIENCE(Years) : 0 (Industrial) 2.5 (Teaching)
 DATE OF JOINING : 26/07/10
 E-MAIL ID : avesh_chamadia@yahoo.co.in



NAME : Miss. N S Kanani
 DESIGNATION : LECTURER
 QUALIFICATION : BE - EC
 EXPERIENCE(Years) : 0 (Industrial) 2.5 (Teaching)
 DATE OF JOINING : 02/08/10
 E-MAIL ID : nikitakanani@yahoo.com



NAME : Mr. M M Kagdi
 DESIGNATION : LECTURER
 QUALIFICATION : BE - EC
 EXPERIENCE(Years) : 8.5 (Industrial) 1.9 (Teaching)
 DATE OF JOINING : 25/03/2011
 E-MAIL ID : hkagdi@gmail.com



NAME Miss M A Shaikh
DESIGNATION LECTURER
QUALIFICATION BE - EC
EXPERIENCE(Years) 0 (Industrial) 0.10 (Teaching)
DATE OF JOINING 17/02/2012
E-MAIL ID shaikh.moshina@yahoo.com

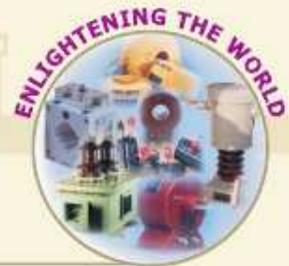


NAME Miss S K Bhatt
DESIGNATION LECTURER
QUALIFICATION BE - EC
EXPERIENCE(Years) 0 (Industrial) 0.10 (Teaching)
DATE OF JOINING 17/02/2012
E-MAIL ID shruti_bhatt21@yahoo.com



NAME Miss U J Patel
DESIGNATION LAB ASSISTANT
QUALIFICATION D.E.Comp.Engg.
EXPERIENCE(Years) 1.8- (Industrial) 0.6 (Teaching)
DATE OF JOINING 05/06/2012
E-MAIL ID utkarsha_patel@yahoo.com

ELECTRICAL ENGINEERING DEPARTMENT



MISSION

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

VISION

To be among the best general 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.

► Laboratories: -

- Electrical circuit Lab.
- Electrical Measuring Instrument Lab.
- Basic Electronics Lab
- Industrial Electronics Lab.
- Electrical Machines Lab.
- CAEDD Lab.
- Digital Electronics Lab.
- Power Electronics Lab.



Electrical Measuring Instrument Lab.



Electrical Machines Lab.



CAEDD Lab.



Electrical circuit Lab.



Industrial Electronics Lab

ELECTRICAL ENGINEERING STAFF DETAIL



NAME : Mr. M S Dinath
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 0 (Industrial) 10.5 (Teaching)
 DATE OF JOINING : 01/06/08
 E-MAIL ID : shakir_dinath@yahoo.com



NAME : Mr. M G Shaikh
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 0.9 (Industrial) 3.6 (Teaching)
 DATE OF JOINING : 26/08/09
 E-MAIL ID : ramiz49_shaikh@yahoo.co.in



NAME : Mr. D J Prasad
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 1.2 (Industrial) 2.5 (Teaching)
 DATE OF JOINING : 26/07/10
 E-MAIL ID : dharm_vir_1985@yahoo.com



NAME : Mr. M H Darsot
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 1 (Industrial) 3.4 (Teaching)
 DATE OF JOINING : 01/09/09
 E-MAIL ID : mohafyal@rediffmail.com



NAME : Miss. S V More
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 0 (Industrial) 2.4 (Teaching)
 DATE OF JOINING : 16/08/10
 E-MAIL ID : sneha_1613@yahoo.com



NAME : Mr. M A Sheikh
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. ELECTRICAL
 EXPERIENCE(Years) : 0 (Industrial) 1.10 (Teaching)
 DATE OF JOINING : 28/01/11
 E-MAIL ID : sheikhsaid37@gmail.com

ELECTRICAL ENGINEERING STAFF DETAIL



NAME : Miss. M P Borasiya
 DESIGNATION : LECTURER
 QUALIFICATION : B.E E& C Engg.
 EXPERIENCE(Years) : (Industrial) 2.8 (Teaching)
 DATE OF JOINING : 08/07/2011
 E-MAIL ID : mittalborasiya@yahoo.com



NAME : Miss. N N Patel
 DESIGNATION : LECTURER
 QUALIFICATION : B.E E& C Engg.
 EXPERIENCE(Years) : (Industrial) 1.9 (Teaching)
 DATE OF JOINING : 15/12/2011
 E-MAIL ID : Nasrin_n_patel@yahoo.co.in



NAME : Mr. H N Desai
 DESIGNATION : LAB TECHNICIAN
 QUALIFICATION : ITI [Electrician]
 EXPERIENCE(Years) : 1.0 - (Industrial) 3.0 - (Teaching)
 DATE OF JOINING : 13/07/09
 E-MAIL ID : h_n_desai@yahoo.com



NAME : Mr. H K Patel
 DESIGNATION : Lab Assistant
 QUALIFICATION : Diploma [Electrical]
 EXPERIENCE(Years) : 1.0 - (Teaching)
 DATE OF JOINING : 9/1/2012
 E-MAIL ID : hiral@gmail.com



NAME : Ms. K B Dobariya
 DESIGNATION : Lab Assistant
 QUALIFICATION : Diploma [Electrical]
 EXPERIENCE(Years) : 0.9 - (Teaching)
 DATE OF JOINING : 1/3/2012
 E-MAIL ID : kalavati@gmail.com



NAME : Mr. S S Bemat
 DESIGNATION : Lab Assistant
 QUALIFICATION : Diploma [Hw & Nw]
 EXPERIENCE(Years) : 0.9 - (Teaching)
 DATE OF JOINING : 1/3/2012
 E-MAIL ID : sohail@gmail.com

MECHANICAL ENGINEERING DEPARTMENT



MISSION

The mission of department is to create world class facilities for education, research, invention and innovation in the field of mechanical engineering by increasingly changing its orientation towards industries, towards the needs of the society, ever maintaining its flexibility and adaptability to global changes and advancements in technology.

VISION

The Mechanical Engineering Department is committed to

1. prepare effective and responsible engineers for global requirements by providing quality education,
2. constantly strive to improve pedagogical methods employed in delivering the academic programs,
3. respond effectively to the needs of the industry and changing world,
4. conduct basic and applied research and to generate intellectual property,

Provide consultancy to the neighborhood and cultivate the spirit of entrepreneurship

- Fluid Mechanics and Hydraulic Machine Practice Lab.
- Material Technology Lab.
- Metrology and Instrumentation Practice Lab.
- Thermal Engg. Lab.
- CAD/CAM Lab.
- Engineering Drawing Lab.
- Work Shop

MECHANICAL ENGINEERING DEPARTMENT



Fluid Mechanics and Hydraulic
Machine Practice Lab.



Elements of Mech. Engg. Lab.



Thermal Engg. Lab.



CAM Lab.



CAD Lab.



Machine Shop

MECHANICAL STAFF DETAILS



NAME : Mr. P J Surti
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL
 EXPERIENCE(Years) : 0.6 (Industrial) 6.3 (Teaching)
 E-MAIL ID : pranay_surti@yahoo.com



NAME : Mr. S A Kapadiya
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL
 EXPERIENCE(Years) : 0 (Industrial) 6.9 (Teaching)
 E-MAIL ID : suarabhkapadia11@yahoo.com



NAME : Mr. J R Shah
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL
 EXPERIENCE(Years) : 2.5 (Industrial) 3.8 (Teaching)
 E-MAIL ID : jigar_mechatronics@yahoo.co.in



NAME : Mr. D G Kalathia
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL
 EXPERIENCE(Years) : 9.6 (Industrial) 3.8 (Teaching)
 E-MAIL ID : dkalathia_23@yahoo.com



NAME : Mr. D I Surti
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL
 EXPERIENCE(Years) : 2.0 (Industrial) 6.0 (Teaching)
 E-MAIL ID : deven_svnit@yahoo.co.in



NAME : Mr. H R Mahida
 DESIGNATION : LECTURER
 QUALIFICATION : B.E. MECHANICAL, M.E. MECHANICAL
 EXPERIENCE(Years) : 0 (Industrial) 1.2 (Teaching)
 E-MAIL ID : hiren.mahida@gmail.com



NAME : **Mr. B V Chaudhary**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **0 (Industrial) 4.4 (Teaching)**
 E-MAIL ID : **chaudharybv@yahoo.com**



NAME : **Mr. M S Khalasi**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **0.6 (Industrial) 4.2 (Teaching)**
 E-MAIL ID : **khalasi_maulik@yahoo.com**



NAME : **Mr. Y A Sakpal**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **0 (Industrial) 4.5 (Teaching)**
 E-MAIL ID : **sakpal_yogesh@ymail.com**



NAME : **Mr. R S Patel**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **0.8 (Industrial) 3.2 (Teaching)**
 E-MAIL ID : **ritzpatel_4u@yahoo.co.in**



NAME : **Mr. U S Desai**
 DESIGNATION : **LECTURER**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **0.9 (Industrial) 3.0 (Teaching)**
 E-MAIL ID : **umang.desai1@yahoo.com**



NAME : **Mr. V.R. Chauhan**
 DESIGNATION : **LECTURER (Adhoc)**
 QUALIFICATION : **B.E. MECHANICAL**
 EXPERIENCE(Years) : **2.0 (Industrial) 1.0 (Teaching)**
 E-MAIL ID : **Vishalgee1_87@yahoo.in**



NAME : **Mr. J M Solanki**
 DESIGNATION : **w/s instructor**
 QUALIFICATION : **I.T.I (Machinist)**
 EXPERIENCE(Years) : **1.0 (Industrial) 5.0 (Teaching)**
 E-MAIL ID : **j_m_solanki@yahoo.com**



NAME : **Mr. M F Desai**
 DESIGNATION : **w/s instructor**
 QUALIFICATION : **I.T.I (Machinist)**
 EXPERIENCE(Years) : **2.0 (Industrial) 4.0 (Teaching)**
 E-MAIL ID : **m_f_desai@yahoo.com**



NAME : **Mr. D.R. Patel**
 DESIGNATION : **w/s instructor**
 QUALIFICATION : **I.T.I (Fitter)**
 EXPERIENCE(Years) : **5.0 (Industrial) 2.0 (Teaching)**
 E-MAIL ID : **Dharam_ksb@yahoo.co.in**



NAME : **Mr. K V Modi**
 DESIGNATION : **LAB ASSISTANT**
 QUALIFICATION : **D.M.E**
 EXPERIENCE(Years) : **2.0 (Industrial) 4.0 (Teaching)**
 E-MAIL ID : **keyur_modis@yahoo.co.in**



NAME : **Mr. C N Vaghela**
 DESIGNATION : **LAB ASSISTANT**
 QUALIFICATION : **D.M.E**
 EXPERIENCE(Years) : **6 months (Industrial) 2.7 (Teaching)**
 E-MAIL ID : **c_n_vaghela@yahoo.com**



NAME : **Mr. S S Chaudhari**
 DESIGNATION : **LAB ASSISTANT**
 QUALIFICATION : **D.M.E**
 EXPERIENCE(Years) : **(Industrial) 4.7 (Teaching)**
 E-MAIL ID : **shailesh.chaudhari.92@yahoo.com**

GENERAL DEPARTMENT



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 importance 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 General 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.



Chemistry Lab.



Physics Lab.

GENERAL DEPT STAFF DETAIL



NAME : Mr. M A Prajapati
 DESIGNATION : LECTURER
 QUALIFICATION : B.SC., M.S.C., M. Phil. (Mathematics)
 EXPERIENCE(Years) : 0 (Industrial) 6.5 (Teaching)
 DATE OF JOINING : 11/08/08
 E-MAIL ID : mprajapati82@gmail.com



NAME : Mr. A S Ghariya
 DESIGNATION : LECTURER
 QUALIFICATION : B.SC. CHEMISTRY, M.SC. CHEMISTRY
 EXPERIENCE(Years) : 0 (Industrial) 4.3 (Teaching)
 DATE OF JOINING : 17/09/08
 E-MAIL ID : ghariya_ashish7@yahoo.com



NAME : Mrs. K R Rohit
 DESIGNATION : LECTURER
 QUALIFICATION : B.SC. MATHEMATICS, M.SC. MATHEMATICS
 EXPERIENCE(Years) : 0 (Industrial) 3.5 (Teaching)
 DATE OF JOINING : 23/07/09
 E-MAIL ID : k.chauhan011@yahoo.com



NAME : Mr. P P Solanki
 DESIGNATION : LECTURER
 QUALIFICATION : B.A. ENGLISH, M.A. ENGLISH
 EXPERIENCE(Years) : 0 (Industrial) 3.5 (Teaching)
 DATE OF JOINING : 22/07/09
 E-MAIL ID : s_pratik007@yahoo.com



NAME : Mr. S S Pathan
 DESIGNATION : LECTURER
 QUALIFICATION : B. SC. CHEMISTRY, M.SC. CHEMISTRY,
 M. Phil ORGANIC MEDICINAL CHEMISTRY
 EXPERIENCE(Years) : 0 (Industrial) 3.4 (Teaching)
 DATE OF JOINING : 01/09/09
 E-MAIL ID : sabirpathan123@gmail.com

CENTRAL LIBRARY

A.Y. DADABHAI TECHNICAL INSTITUTE LIBRARY

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.

OBJECTIVE

1. To serve as the hub of Learning.
2. To support institutional vision through providing qualitative services for making Knowledge Making Community.
3. To enhance reading habits as well as develop the skill of searching information from Internet among the user community of library.
4. To act as the gateway of knowledge and invention that exists in print and digital formats.
5. Updating and improving Library information management system.

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.

It has huge collection of technical books and non printed material like CDs and DVDs. Also providing Internet facility to support e-library and reprography services.

LIBRARY COLLECTION DETAILS

- | | |
|-------------------------|--|
| 1. Total Books | :- 4808 (Including 1000 Reference Books) |
| 2. Complementary Books | :- 175 |
| 3. CDs & DVDs | :- 278 |
| 4. Journals & Magazines | :- 14 + 5 international journal |
| 5. News Papers | :- 5 |

FACILITIES

Library provides two books for 15 days to the students and 10 books to the staff members, provision of reservation of books and display for new arrivals with Internet facility.



Book Section



Internet Facility



Reading Section

LIBRARIAN DETAIL



NAME : **Ms. Niharika D. Lad**
DESIGNATION : **Librarian**
QUALIFICATION : **B. Sc, M. Lib.**
EXPERIENCE(Years) : **11 Years.**
E-MAIL ID : **niharika_d2004@yahoo.com**

TRAINING ❖

Installation & Operation of SOUL 2.0 held at Information & Library Network (INFLIBNET) Center, Ahmedabad during 12th - 16th July - 2010.

INTERNATIONAL CONFERENCE ATTENDED ❖

"KNOWLEDGE FOR ALL : ROLE OF LIBRARIES AND INFORMATION CENTERS"
Organised by Indian Library Association (ILA) & Tata Institute of Social Science, at Devnar Mumbai - 12th - 15th Nov. 2008.

8th International CALIBER - 2011 "Towards Building & knowledge Society : Library as a catalyst for knowledge Discovery & Management" Organized by GOA University & Inflibnet Center Ahmedabad from 2-4th March - 2011.

SPORTS

RANBHUMI-2011

THE SPORT EVENTS
27TH NOV. TO 30TH NOV.

The events of Ranbhumi 2011 were held on 27th Nov. to 30th Nov. A prize distribution function was held on 30th Nov. with the great encouraged of our Principal sir Mr. M. M. Dalchaval, Mr. Yusuf bhai Patel (Trustee of the institute) and our chief guest Mr. Amit Jadav (PSI of Kosamba district) to the winners of different games.

GAME	TOTAL TEAM / PARTICIPANTS	WINNER
CRICKET	16 TEAM	Electrical Engg. 5 th semester students
VOLLEYBALL	16 TEAM	Mechanical Engg. 5 th semester students
TABLE TENNIS	12 PARTICIPANTS	Ms. Krishna H. Makwana. [Electronics & Communication Engg. 5 th Sem student]
BADMINTON (BOYS)	42 PARTICIPANTS	Mr. Mayank Kumar. [Mechanical Engg. 5 th Sem student]
BADMINTON (GIRLS)	8 PARTICIPANTS	Ms. Pavagadhi Meghna. [Electrical Engg. 1 st Sem student]
CHESS	42 PARTICIPANTS	Mr. Harsh A. Shah. [Mechanical Engg. -A 1 st Sem student]
CARROM (BOYS)	33 PAIRS	Mr. Kirit N Patel & Mr. Pratik R. Patel. [Electrical Engg. 5 th Sem students]
CARROM (GIRLS)	4 PARTICIPANTS	Ms. Pavagadhi Meghna. [Electrical Engg. 1 st Sem student]



SPORTS



WINNERS OF DIFFERENT SPORTS



(cricket- electrical engg. dept.)



(volleyball-mechanical engg.dept.)



Carrom- electrical



badminton- mechanical



Chess- mechanical



badminton (girls) electrical



Electronics & Communication student]

SPORTS

RANBHUMI-2012

(1ST DEC 2012 TO 4TH DEC 2012)

In A.Y.Dadabhai Technical Institute, Kosamba. The sport committee has held out the sport events RANBHUMI-2012. In which different games were organized like **Cricket, Volleyball, Badminton, Table-Tennis, Chess, and Carrom** for both boys and girls students. Organization of girls event is scheduled by **WID CELL**. Staff members of institute have all participated in different games during event.

All the games were scheduled by dated from **1ST DEC 2012 to 4TH DEC 2012** at Institute campus. The whole event was successfully completed by co-ordination of sport committee, discipline committee, canteen committee and other staff members of institute.



Innauration of RANBHUMI 2012 is held by principal sir **Mr. M.M.Dalchawal** sir on 1st DEC 2012 at 7:30 am. He has congratulated to the head of sport committee **Mr. P.A.Patel** for organization of such an event **RANBHUMI 2012**. he has also anchorage all the participates in his short speech.



LIST OF WINNER FOR DIFFERENT EVENT OF RANBHUMI 2012

GAME	TOTAL TEAM PARTICIPATES	WINNER
CRICKET (BOYS)	19	Electrical Engg 3 rd semester students
CRICKET (GIRLS)	4	Electronics & Comunication Engg.
VOLLEYBALL (BOYS)	16	Electrical Engg. 3 rd semester students
VOLLEYBALL (GIRLS)	02	Electrical Engg.
BADMINTON (BOYS)	54	Mr. Mihir Patil (Mechanical Engg. 1 st sem student)
BADMINTON (GIRLS)	22	Miss Isha Gariya (Electronics & Comunication Engg. 5 th sem Student)
CARROM (BOYS)	58 Pair	Mr. Jitendra Panchal Mr. Vivek Chauhan (Mechanical Engg. 5 th sem student)
CARROM (GIRLS)	10	Miss Divya Kher Miss Niharika Chauhan (Electronics & Comunication Engg. Student)
CHESS (BOYS)	44	Mr. Harsh A. Shah (Mechanical Engg. 3 rd sem student)
CHESS (GIRLS)	02	Miss Khushboo Parmar (Electrical Engg. 5 th sem ester student)
TABLE TENNIS (BOYS)	12	Mr. Vishal More (Electrical 5 th Semester student)



Cricket Boys



Cricket Boys (Electrical 3rd Sem)



Cricket Girls



(E & C Engg. dept.)

WINNERS OF DIFFERENT SPORTS



Volley Ball (Boys)



Volley Ball Boys (Ele. 3rd sem)



Volley Ball (Girls) (Electrical Engg.)



Badminton Boys (Mech. Engg. 1st sem)



Badminton (Girls)



Badminton (Girls) (E & C Engg. Dept. 5th Sem)



Carrom (Boys)



Carrom (Boys) (Mech. Engg. 5th Sem)

WINNERS OF DIFFERENT SPORTS



Carrom (Girls)



Carrom Girls (E & C Engg. Dept.)



Chess (Boys)



Chess (Boys) Mech. Engg. 3rd Sem



Chess (Girls)



Chess (Girls) (Electrical Engg. Dept. 5th Sem)



Table Tennis (Boys)



Table Tennis (Boys) (Electrical 5th Sem)

FACULTIES ENJOYING SPORTS WEEK



Carrom



Table Tennis



Badminton

TRAINING & PLACEMENT CELL

ABOUT

- ✂ The Institute has a full-fledged Training & Placement Cell established in the Year 2010.
- ✂ The cell provides support base for placement to final year students in the form of arranging campus interviews, grooming students to face final test of their knowledge.
- ✂ The students are given training in their Aptitude, Technical, Communication, Logical & Verbal Reasoning and Soft Skills from the Second year of their Diploma Engineering.
- ✂ Arrangement for Guest Lectures and Training Programs by experts from various Engineering Colleges & Industries are catered.
- ✂ A number of well-reputed companies are invited for the On & Off-Campus Recruitment Drive every year and thus the placements of the students are facilitated.

OBJECTIVES

- ✂ To provide employment opportunity and best training to students in leading organizations.
- ✂ To help students in pursuing their career goals by acquiring employment seeking skills & ultimately to attain desired employment.
- ✂ To build a strong partnership amongst Students, Alumni members & Industry.
- ✂ To create data bank of technocrats to cater the need of Industry.
- ✂ To encourage & guide students to pursue higher education.

TRAINING & PLACEMENT COMMITTEE

TRAINING & PLACEMENT OFFICER

Mr. D. G. Kalathia

E-mail: ayd.tpo@gmail.com , tpo@aydadabhaitech.org

Ph. - (02629) 290930 Mo. - 98252 88433

FACULTY CO-COORDINATORS

- | | |
|--|---|
| (1) Mr. M. G. Shaikh
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Mo - 7567582567 |
| (2) Mr. H. R. Mahida
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Mo - 9662154201 |
| (3) Mr. R. R. Chaudhari
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Mo - 9913088445 |
| (4) Mr. T. A. Shaikh
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Mo - 9824768771 |
| (5) Mr. V. M. Patil
Email- patilvijayce@gmail.com | (Computer Engg. Dept.)
Mo - 9974116175 |

TRAINING & PLACEMENT CELL

STUDENT CO-COORDINATORS

- | | |
|---|---|
| (1) Kher Ajaysinh P. (106010319036)
Email- ajaykher1011@yahoo.com | 3 rd Year Mechanical Engg.
Mo. - 9913021889 |
| (2) Vasava Akshay P. (106010319119)
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| (3) Khatri Jabirahmed M. (106010311015)
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| (4) Mistry Ritesh K (106010307042)
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| (5) Kayasth Rahul V. (106010309027)
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| (6) Gohil Harshil S. (10601030630)
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| (7) Mirza Hamza A. (116010319002)
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| (8) Parekh Divyesh B. (116010319105)
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| (10) Patel Bhavin D. (116010309040)
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| (11) Akbari Parag A. (116010306050)
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Mo. 9537564221 |
| (12) Chunavala Abbas A. (116010307013) | 2 nd Year Computer Engg. |

STUDENT STATUS REPORT

BATCH : 2008 - 2011

SR.NO.	DICIPLINE	TOTAL STUDENTS	TOTAL PASSED THROUGH OUT	ADMITED TO DEGREE ENGG. COLLEGE	PLACED IN INDUSTRY / SELF EMPLOYED
1	CIVIL ENGINEERING	33	31	24	07
2	ELECTRONICS & COMMUNICATION ENGG.	41	41	30	11
3	ELECTRICAL ENGINEERING	39	38	22	16
4	MECHANICAL ENGINEERING	39	35	18	17
	TOTAL	152	145	94	51

BATCH : 2009 - 2012

SR.NO.	DICIPLINE	TOTAL STUDENTS	TOTAL PASSED THROUGH OUT	ADMITED TO DEGREE ENGG. COLLEGE	PLACED IN INDUSTRY / SELF EMPLOYED
1	CIVIL ENGINEERING	46	21	14	07
2	COMPUTER ENGINEERING	38	32	25	07
3	ELECTRONICS & COMMUNICATION ENGG.	51	30	27	03
4	ELECTRICAL ENGINEERING	58	48	37	11
5	MECHANICAL ENGINEERING	92	72	41	31
	TOTAL	285	203	144	59

TRAINING & PLACEMENT CELL

ACTIVITY



Campus Corner Work Shop



Campus by L&T



Written Test of L&T Campus



Campus by Piramal Glass Limited



Placement Guidance by Dr. I.B. Dave



Campus Corner Workshop



EXPERT LECTURE



On solar energy by Mr. K.H. Patel



Design of Machine elements
by Mr. Pradip Savaliya



On Tribology by Mr. Atul Shah

TRAINING & PLACEMENT CELL

ON & OFF CAMPUS PLACEMENT (INDUSTRY LIST)

YEAR : 2011 - 2012

SR.NO.	COMPANY DETAIL	BRANCH
1	NISH AUTOMATION PVT. LTD, SURAT	ELECTRICAL, E & C
2	ASIA MOTOR WORKS(AMW), BHUJ	MECHANICAL
3	VERTEX ENGINEERS PVT. LTD, SURAT	MECHANICAL
4	L & T MHI PVT. LIMITED, HAZIRA	ELECTRICAL, MECHANICAL
5	TATA MOTORS LTD(NANO), SANAND	ELECTRICAL, E & C, MECHANICAL
6	ABC BEARINGS LTD, BHARUCH	MECHANICAL
7	MUNDRA PORT & SEZ LIMITED(ADANI), MUNDRA	CIVIL,MECHANICAL,ELECTRICAL
8	NEUTRAL GLASS & ALLIED INDUSTRIAL PVT. LTD,KOSAMBA	MECHANICAL
9	VISHAL MALLEABLES LIMITED,ANKLESHWAR	MECHANICAL,ELECTRICAL
10	JACKSON FABRICATORS(AT L&T LTD,HAZIRA)	MECHANICAL
11	BORSARA MACHINES PVT LTD(HIMSON),KIM	MECHANICAL
12	PIRAMAL GLASS LTD,KOSAMBA	MECHANICAL,ELECTRICAL
13	PRAGATI GLASS LIMITED, KOSAMBA	MECHANICAL / ELECTRICAL
14	TATA STEEL LIMITED	MECHANICAL / ELECTRICAL
15	LINDE INDIA LIMITED	MECHANICAL / CIVIL / ELECTRICAL
16	AUTO POINT CAR DIVISION, SURAT.	MECHANICAL
17	INFINIUM SOLUTION PVT LTD, A'BAD	CIVIL

INDUSTRIAL VISITS

◆ CIVIL ENGG. DEPT. ◆



(Sardar Sarovar)



Seminar (Ambuja cement)



(Saputara)



Students @ construction site

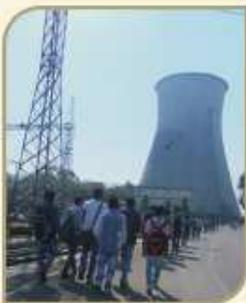


(Ambuja cement)



(Saputara)

◆ ELECTRICAL ENGG. DEPT. ◆



Utran Thermal Power Station Visit



Ukai Hydro Power Station Visit



INDUSTRIAL VISITS

E & C ENGG. DEPT.



Doordarshan Visit

MECH. ENGG. DEPT.



Narmada dam (sardar sarovar)



Students @ industrial visit-2009 batch



Students @ industrial visit-2009 batch



Staff & students in light mood



Lunch with Students



Students-(2009-batch)

INDUSTRIAL VISITS

❖ ELECTRICAL ENGG. DEPT. ❖

SR NO	DATE	DESTINATION COMPANY/ INDUSTRIES	NO. OF STUDENT
1	23/10/2010	UTRAN GAS BASED POWER STATION (GSECL)	63
2	20/11/2010	SARDAR SAROVAR NIGAM LIMITED (SSNL)	63
3	13/04/2011	UKAI HYDRO POWER STATION	39
4	25/02/2011	GUJRAT ENERGY TRANSMISSION CORPORATION LTD (GETCO) 220 KV SUBSTATION LINDIYAT, KIM	63
5	08/02/2011	GUJRAT ENERGY TRANSMISSION CORPORATION LTD (GETCO)	39
6	19/01/2011	UTRAN GAS BASED POWER STATION (GSEC L)	39
7	17/01/2011	GUJRAT ENERGY TRANSMISSION CORPORATION LTD (GETCO) 220 KV SUBSTATION LINDIYAT, KIM	39
8	28/01/2012	UKAI HYDRO POWER STATION	58
9	27/09/2012	UKAI HYDRO POWER STATION	64
10	20/10/2012	UTRAN GAS BASED POWER STATION (GSECL)	58

BHARUCH - ANKLESHWAR INNOVATION SANKUL

Innovation Sankul was Established with a mission that to bring the culture of Innovations to both the Academia & Industry.



Prayer at Sankul meet



Inauguration of paper / poster presentation Competition



Memento to VC Sir by Principal Sir



Journey of Diploma Engg. Presentation by Principal Sir



Facilitation of VC Sir by Student

UDISHA CLUB



PROJECT & POSTER PRESENTATION BY STUDENTS DURING COMPETITION UNDER BHARUCH - ANKLESHWAR INNOVATIONS SANKUL AT SVMIT, BHARUCH.



Students @ Poster Presentation Comp.



Students @ Paper Presentation Comp.



IDP Project Presentation During Sankul Meet



Innovative Project Award at SVMIT, Bharuch

UDISHA CLUB

ABOUT ❖

GTU has taken bold & creative step to form GTU Innovation council, under which various innovation sankul, where formed in different Zones. One of such sankul is Bharuch - Ankleshwar Innovation sankul under which we have formed UDISHA CLUB at our institute level.

STRUCTURE OF UDISHA CLUB ❖

PETRONS ❖

Name : Mr. M.M.Dalchawal (Principal)

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Mobile : 98259 07702

CO-ORDINATOR ❖

Name : Mr. Dilip G. Kalathia (TPO)

E-mail : ayd.tpo@gmail.com , tpo@aydadabhaitech.org ,

Mobile : 98252 88433

EXECUTIVE COMMITTEE ❖

Faculty Members :

- | | |
|------------------------------------|--------------------------|
| (1) Mr. M. G. Shaikh | (Electrical Engg. Dept.) |
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| (2) Mr. H. R. Mahida | (Mechanical Engg. Dept.) |
| Email- hiren.mahida@gmail.com | Mo - 9662154201 |
| (3) Mr. R. R. Chaudhari | (E&C Engg. Dept.) |
| Email- chaudharirohit175@gmail.com | Mo - 9913088445 |
| (4) Mr. T. A. Shaikh | (Civil Engg. Dept.) |
| Email- taufir46@yahoo.com | Mo - 9824768771 |
| (5) Mr. V. M. Patil | (Computer Engg. Dept.) |
| Email- patilvijayce@gmail.com | Mo - 9974116175 |

UDISHA CLUB

STUDENT MEMBERS

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(2) Kher Ajaysinh P. (106010319036)	3 rd Year Mechanical Engg.
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(3) Vasava Akshay P. (106010319119)	3 rd Year Mechanical Engg.
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(4) Khatri Jabirahmed M. (106010311015)	3 rd Year E&C Engg.
Email- khatri_jabir@yahoo.com	Mo. - 8511661269
(5) Gohil Harshil S. (106010306030)	3 rd Year Civil Engg.
Email- harshil.gohil94@gmail.com	Mo. 7600052881
(6) Mistry Ritesh K (106010307042)	3 rd Year Computer Engg.
Email- riteshmistry777@yahoo.co.in	Mo.- 9712592206

UDISHA CLUB co-ordinates with students & helps in mapping them to the industry for IDP/UDP based final year project, at the end of fourth semester GTU exams.

Students visits industry during vacations and with guidance from faculty as well as industry co-rdinaters comes out with some sort of industry based problems.

The problems is further analyzed & taken as base for final year projects.

UDISHA CLUB also encourages & guides students to take part in various competitions like paper & poster presentation, project presentation at Sankul as well as GTU level.

We have made every effort to place our 285 students of final year from every discipline for shodh yatra to nearby industries for 2 weeks duration after completion of 4th semester GTU exams in the month of June - 2012.

- ✍ For computer Engg. Shodh Yatra Conducted to 5 different Companies Like Veer Infotech, Microsys etc ...
- ✍ For Mechanical Engg. Shodh Yatra arranged to 31 industries like Piramal Glass, ABC Bearing, Remi Metals, Blue Star, Lupin Pharma etc...
- ✍ For Electrical Engg. Shodh Yatra arranged to 15 industries like GNFC, GETCO, KRIBHCO etc..
- ✍ For Civil Engg. Shodh Yatra arranged to 11 Firms like, AMC, SMC, CIVIL HOSPITAL etc...
- ✍ For E&C Engg. Shodh Yatra Conducted to 12 Companies like , Biral, Cellulosic, Videocon Ind., Gujarat Gas Etc....

FACULTY TRAINING DETAIL

CIVIL ENGINEERING DEPARTMENT

Sr. No.	FACULTY NAME	TITLE	TRAINING AUTHORITY	DURATION	VENUE
1	Mr. P. A. PATEL	EFFECTIVE CLASSROOM AND LABORATORY INSTRUCTION QUALITY MANAGEMENT IN TECHNICAL INSTITUTION	NITTR ISTE	5 DAYS 1 DAY	NITTR EXTENSION CENTRE, GOA SSPC, VISNAGAR
2	Mrs. B. M. PATEL	QUALITY MANAGEMENT IN TECHNICAL INSTITUTION SURVEYING AND MAPPING USING TOTAL STATION PATENT SEARCH METHODOLOGY	ISTE CEPT UNIVERSITY GTU	1 DAY 4 DAYS 1 DAY	SSPC, VISNAGAR VBTP, UMRAKH SVMIT, BHARUCH
3	Ms. T. C. PATEL	QUALITY MANAGEMENT IN TECHNICAL INSTITUTION SURVEYING AND MAPPING USING TOTAL STATION PATENT SEARCH METHODOLOGY	ISTE CEPT UNIVERSITY GTU	1 DAY 4 DAYS 1 DAY	SSPC, VISNAGAR VBTP, UMRAKH SVMIT, BHARUCH
4	Mr. M. M. SHIRGAR	APPLICATIONS OF REMOTE SENSING AND GEOSPATIAL TECHNIQUES SURVEYING AND MAPPING USING TOTAL STATION ADVANCES IN GEOTECHNICAL ENGINEERING	GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY, GANDHINAGAR CEPT UNIVERSITY INDIAN GEOTECHNICAL SOCIETY	2 DAYS 3 DAYS 2 DAYS	CHAROTAR INSTITUTE OF TECHNOLOGY, CHANGA A.Y.D.T.I., KOSAMBA SVMIT, SURAT
5	Mr. T. A. SHAIKH	FACULTY DEVELOPMENT PROGRAM ON SVCPP (PHASE I) FACULTY DEVELOPMENT PROGRAM ON SVCPP (PHASE II) URBAN STORM WATER DESIGN AND MODELLING SURVEYING AND MAPPING USING TOTAL STATION PATENT SEARCH METHODOLOGY	GUJARAT TECHNOLOGICAL UNIVERSITY GUJARAT TECHNOLOGICAL UNIVERSITY CEPT UNIVERSITY CEPT UNIVERSITY GTU	2 DAYS 1 DAY 3 DAYS 3 DAYS 1 DAY	SCET, SURAT GIRLS POLYTECHNIC, SURAT BVM, V.V. NAGAR A.Y.D.T.I., KOSAMBA SVMIT, BHARUCH
6	Mrs. N. M. PATEL	FACULTY DEVELOPMENT PROGRAM ON SVCPP (PH-1) FACULTY DEVELOPMENT PROGRAM ON SVCPP (PH-2) SURVEYING AND MAPPING USING TOTAL STATION	CEPT UNIVERSITY CEPT UNIVERSITY CEPT UNIVERSITY	2 DAYS 1 DAY 3 DAYS	B.M.S. VADODARA G.P. SURAT A.Y.D.T.I., KOSAMBA
7	Ms. N.D. SHAIKH	ADVANCEMENT IN CONCRETE TECHNOLOGY SURVEYING AND MAPPING USING TOTAL STATION	CEPT UNIVERSITY CEPT UNIVERSITY	2 DAYS 3 DAYS	VBTP, UMRAKH A.Y.D.T.I., KOSAMBA

FACULTY TRAINING DETAIL

COMPUTER ENGINEERING DEPARTMENT

List of faculty participation in Short term Training/Seminar/Workshop

Sr. No.	Faculty Name	Department	Title	Training Authority	Duration (day)			Venue
					From	To	Total	
1	Mr. J. M. Barad (Lect. in Computer Engg. Dept.)	Computer	Developing web application using ASP.NET	ISTE	14/12/2009	18/12/2009	5	V.P.M.P. Polytechnic, Gandhinagar
2	Mr. J M Barad (Lect. in Computer Engg. Dept.)	Computer	Dynamic Web Page Design using PHP	NITTTR , BHOPAL	3/1/2011	7/1/2011	5	NITTTR, Bhopal
3	Mr. V M Patil (Lect. in Computer Engg. Dept.)	Computer	Dynamic Web Page Design using PHP	NITTTR , BHOPAL	3/1/2011	7/1/2011	5	NITTTR, Bhopal
4	Mr. J M Barad (Lect. in Computer Engg. Dept.)	Computer	Programming With PHP and Mysql	ISTE	5/12/2011	16/12/2011	10	V.P.M.P. Polytechnic, Gandhinagar
5	Mr. V M Patil (Lect. in Computer Engg. Dept.)	Computer	Programming With PHP and Mysql	ISTE	5/12/2011	16/12/2011	10	V.P.M.P. Polytechnic, Gandhinagar
6	Mr. N C Tailor (Lect. in Computer Engg. Dept.)	Computer	Advanced Java Web Technologies	GTU , CSI	26/3/2012	30/3/2012	5	NCCA , Bharuch
7	Mr. V M Patil (Lect. in Computer Engg. Dept.)	Computer	Swami Vivekanand Contributor Personality Program	GTU	31/03/2012	31/03/2012	1	Girls Polytechnic , Surat
8	Miss. A K Desai (Lect. in Computer Engg. Dept.)	Computer	Swami Vivekanand Contributor Personality Program	GTU	31/03/2012	31/03/2012	1	Girls Polytechnic , Surat
9	Mrs. S S Multani (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
10	Mr. J M Barad (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
11	Miss. A K Desai (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
12	Mr. N C Tailor (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2013	15/04/2013	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
13	Mr. V M Patil (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
14	Mrs. P A Mali (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
15	Mr. P A Bachhani (Lect. in Computer Engg. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
16	Mr. A A Panchbhaya (Lab Assistant in Comp. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
17	Mr. C V More (Lab Technician in Comp. Dept.)	Computer	Mobile Application Development (Using Android)	GTU	14/04/2012	15/04/2012	2	A.Y.DADABHAI TECHNICAL INST., KOSAMBA
18	Mr. A M Hans (Lect. in Computer Engg. Dept.)	Computer	Patent Search Methodologies	GTU	06/10/2012	06/10/2012	1	SVMIT, BHARUCH
19	Mr. V M Patil (Lect. in Computer Engg. Dept.)	Computer	A-VIEW CO-ORDINATOR	GTU	08/12/2012	08/12/2012	1	GTU, Gandhinagar

FACULTY TRAINING DETAIL

ELECTRONICS & COMMUNICATION ENGG. DEPT.

SR. NO.	FACULTY	DEPARTMENT	TITLE	TRAINING AUTHORITY	DURATION	VENUE
1	Mr. Shailesh M. Kukana	Electronics & Communication Engg.	"Microcontroller, PCB Design and Simulation"	TEQIP - Community Service	22-01-2008 to 26-01-2008	Dr. S. & S.S. Ghandhy College of Engineering and Technology, Surat
		Electronics & Communication Engg.	Nanotechnology – A Sustainable Alternative to an Environment	AICTE	19-01-2009 to 23-01-2009	S.V.National Institute of Technology, Surat
		Electronics & Communication Engg.	Recent Trends in Power Electronics	ISTE	22-06-2009 to 26-06-2009	L.D.R.P. Institute of Technology and Research, Gandhinagar
		Electronics & Communication Engg.	Recent Trends in Power Electronics and Future Scope to do Research	ISTE	30-07-2010	Dr. S. & S.S. Ghandhy College of Engineering and Technology, Surat
		Electronics & Communication Engg.	Embedded System Design using Assembly and C Language	ISTE	21-05-2012 to 01-06-2012	Nirma University, Ahmedabad
		Electronics & Communication Engg.	Contribution personality development	Gujarat Technological University	7/1/2012 to 8/1/2012	Government Girls Polytechnic, Surat
2	Mr. Rohit R. Chaudhari	Electronics & Communication Engg.	Contribution personality development	Gujarat Technological University	31/3/2012	Government Girls Polytechnic, Surat
		Electronics & Communication Engg.	Modern trends in power systems & electronics for infrastructure development	ISTE	25-06-2012 to 29-06-2012	BVM, V.V.Nagar
3	Mr. Avesh M. Chamaadiya	Electronics & Communication Engg.	Patenting in Engg.	Gujarat Technological University	24/9/2011 to 25/9/2011	Science city Ahmedabad
4	Mr. Hanif M. Kagdi	Electronics & Communication Engg.	Contribution personality development	Gujarat Technological University	7/1/2012 to 8/1/2012	Government Girls Polytechnic, Surat
		Electronics & Communication Engg.	Contribution personality development	Gujarat Technological University	31/3/2012	Government Girls Polytechnic, Surat
5	Miss Shruti K. Bhatt	Electronics & Communication Engg.	Modern trends in power systems & electronics for infrastructure development	ISTE	25-06-2012 to 29-06-2012	BVM, V.V.Nagar
		Electronics & Communication Engg.	Patent search Methodology	GTU	06/10/2012	SVMIT, Bharuch.
6	Miss Nikita S. Kanani	Electronics & Communication Engg.	Patent search Methodology	GTU	06/10/2012	SVMIT, Bharuch.

FACULTY TRAINING DETAIL

ELECTRICAL ENGINEERING DEPARTMENT

SR NO	FACULTY NAME	DEPARTMENT	TITLE	TRAINING AUTHORITY	DURATION	VENUE
1	M.S. DINATH	ELECTRICAL	Power electronics (ISTE chapter)	DR.S & S GANDHI COLLEGE,SURAT	1 DAY	DR.S & S GANDHI COLLEGE,SURAT
			Recent trends in power system protection	CEPT,vallabhavidhyanagar	5 DAY	SCET COLLEGE, SURAT
2	M.G.SHAIKH	ELECTRICAL	Power electronics (ISTE chapter)	DR.S & S GANDHI COLLEGE,SURAT	1 DAY	DR.S & S GANDHI COLLEGE,SURAT
		ELECTRICAL	Contributor personality development	I-BECOME	2 DAY	GIRLS POLYTECHNIC,SURAT
3	M.H.DARSOT	ELECTRICAL	Student assessment, self assessment, accreditation & academic audit	NITTTR,bhopal	10 DAY	DR.S & S GANDHI COLLEGE,SURAT
		ELECTRICAL	Contributor personality development	I-BECOME	2 DAY	GIRLS POLYTECHNIC,SURAT
4	D.J.PRASAD	ELECTRICAL	Recent trends in power system protection	CEPT,vallabhavidhyanagar	5 DAY	SCET COLLEGE, SURAT
		ELECTRICAL	Faculty development programmed	FETR,bardoli	1 day	N.G.PATEL, BARDOLI
5	M.A. SHAIKH	ELECTRICAL	National programmed on technology enhanced learning	IIT,MADRAS	1 DAY	GIRLS POLYTECHNIC,SURAT
		ELECTRICAL	National programmed on technology enhanced learning	IIT,MADRAS	1 DAY	GIRLS POLYTECHNIC,SURAT
7	SNEHA MORE	ELECTRICAL	PLC & SCADA	NISUS MICROTECH	3 MONTHS	NISUS MICROTECH,ITC BUILDING,SURAT.
8	M.P.BORASIVA	ELECTRICAL	PLC & SCADA	NISUS MICROTECH	3 MONTHS	NISUS MICROTECH,ITC BUILDING,SURAT.

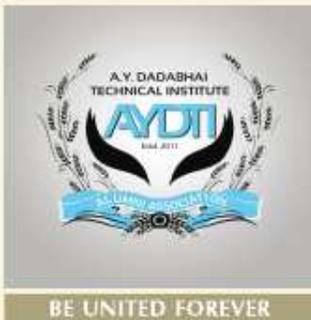
FACULTY TRAINING DETAIL

MECHANICAL ENGINEERING DEPARTMENT

Sr. No	Faculty Name	Department	Title	Training Authority	Duration	Venue
1	Pranay J. Surti	Mechanical	Productivity improvement through the application of CAD-Cam & stastical process control technology.	AICTE, New Delhi	25th - 26th September, 2009	Sigma Institute of Technology & Engineering
2			Innovation approach for effective teaching in engineering graphics.	GTU,Ahmedabad	16th 2010	Indus Institute of Technology & Engineering , Ahmedabad
3			CNC Programming (FANUC)	Anchor Institute, SVNIT, Surat	13th- 17th June, 2011	SVNIT ,Surat
4	Saurabh A. Kapadia	Mechanical	Innovation approach for effective teaching in engineering graphics.		16th 2010	Indus Institute of Technology & Engineering , Ahmedabad
5			Productivity improvement through the application of CAD-Cam & stastical process control technology.	AICTE, New Delhi	25th - 26th September, 2009	Sigma Institute of Technology & Engineering
6	Dilip G. Kalathia	Mechanical	CNC Programming (FANUC)	Anchor Institute, SVNIT, Surat	13th- 17th June, 2011	SVNIT , Surat
7			Mechanical Interfacing in CAD/CAM	ISTE, Gujarat Section	28th June - 2nd July, 2010	V.P.M.P Polytechnic, Gandhinagar
8			Computational Fluid Dynamics (CFD) for engineers.	AICTE, New Delhi	1st - 5th Feb 2010	SVNIT , Surat
9	Jigar R. Shah	Mechanical	Mechanical Interfacing in CAD/CAM	ISTE, Gujarat Section	28th June - 2nd July, 2010	V.P.M.P Polytechnic, Gandhinagar
10			ASME Welding Technology	Anchor Institute, SVNIT, Surat	22nd - 27th MAy, 2011	SVNIT ,Surat
11	Deven I. Surti	Mechanical	Section 8 Fabrication and Design of pressure vessel.	Anchor Institute, SVNIT, Surat	23rd - 27th August 2011	SVNIT ,Surat
12	Bhaves V. Chaudhary	Mechanical	ASME Welding Technology	Anchor Institute, SVNIT, Surat	22nd - 27th MAy, 2011	SVNIT ,Surat
13	Maulik S. Khalasi	Mechanical	Section 8 Fabrication and Design.	Anchor Institute, SVNIT, Surat	13th- 17th June, 2011	SVNIT ,Surat
14	Yogesh A. Sakpal	Mechanical	SKF Bearing Maintanance.	Anchor Institute, SVNIT, Surat	13th- 17th December, 2011	SVNIT ,Surat
15	Hiren R. Mahida	Mechanical	Patenting in Engineering.	GTU,Ahmedabad	25th - 26th September, 2011	Science City, Ahmedabad
16			Faculty Development Programme on Swami Vivekanand Contributor Personality Program.	GTU,Ahmedabad	17th - 18th December, 2011	Sarvajani College of Engineering & Technology, Surat
17			Faculty Development Programme on Swami Vivekanand Contributor Personality Program.	GTU,Ahmedabad	1st April, 2012	Government Polytechnic for Girls, Surat

A.Y.D.T.I. ALUMNI ASSOCIATION

ABOUT



A Y D T I Alumni Association managed by a committee of ex-students from all departments under the guidance of Training & Placement Cell was formed in the year 2011 with first batch of pass out students. This alumni association was established for mutual benefits of Student & Institute.

Every student feels highly attached emotionally to his/her alma matter. In fast changing world of technology, it is very essential that the technical institution and alumni remain in constant interaction with each other so that the educational systems derive full benefits through feedback from the professional field and the alumni remain well informed about the developmental activities of their Institute.

The main purpose of the Association is to provide an organization through which the Alumni of A.Y.Dadabhai Technical Institute, Staffs and Students of the institute can interact with each other for mutual benefit.

All the members are provide with life time photo ID Membership Card.

MEMBERS

SR. NO.	BRANCH	NO. OF MEMBERS		TOTAL
		PASS OUT 2011	PASS OUT 2012	
1	MECHANICAL ENGG.	4	89	93
2	ELECTRICAL	26	58	84
3	CIVIL ENGG.	21	16	37
4	ELECTRONICS & COMMUNICATION	12	51	63
5	COMPUTER ENGG.		33	33
	TOTAL	65	247	312

ACTIVITY



Tree Plantation at Institute Campus

E-mail : aydtialumniassociation@gmail.com



“
You will not be punished
for your anger, you will
be punished by your
anger.
”

Useful Links

⇨ Blogs

Page 1 of 1

- Requirement of Diploma Holder –Electrical,Mechanical,Civil,EC,Computer Dated 20th Gujarati Mitra News Paper

Requirement in Sumal Dairy Of various Branch.

1356679667_sumul_ad.JPG

Comments



News & Updates

- EC department visits Doordarshan,Sachin
- IMD spot report 2012
- Successfully organized RANBHUM-2012
- Meeting of Industry Leaders & 3 Sankul Committees



A “Blog “is a discussion or informational site, consist of discrete entries (“posts”).

A Blog has following properties:-

1. A blog is interactive in terms of conversation.
2. A blog allows visitors to leave comments on particular “posts”.
3. A blog combines text, images, &links.

In “Education”, blog is used as instructional resources considered as “Edublogs”.

Using these blog, Faculties of our institute can interact with students. Also they can guide them on particular topic & provide necessary documents, text, and videos etc.As well as student can also leave their comments on specific topic. And also can access the materials.

Considering these advantages of “blog”. Our Institute has introduced its own blog in our Institute's Website. Overall a positive interaction in a positive way can be accomplished through “BLOG”. Following is a link of our institute's blog.

www.aydadabhaitech.org/blog

ANNUAL PROGRAM

If there is anything that makes every one of us including faculties & students makes happy is Annual Day Celebration.

On the occasion of annual Function of our college there were different cultural activities & prize distribution ceremony organized. It Encourage students to exhibits their talent apart from study. on this occasion junior students gave farewell to their seniors.

Our Honorable Trustees & Respected Principal sir also take active part in the function & bless the students to achieve their goals in the future.



ALL TRUSTEES (FAREWELL TO STUDENTS (BATCH-2008))



National Anthem



Trustee's Valuable Speech



President's Speech



Faculties & Students

ANNUAL PROGRAM



Project Presentation By Mechanical Engg. Students

ANNUAL PROGRAM CUM FAREWELL - 2012



Prayer by Faculties



Trophy's



Principal Sir's Speech



Trustees and Guests on Dias



Audience



Trophy to Winner Students



Award for best name suggest by faculty

ANNUAL PROGRAM



Speech of hon. guest



Speech of Trustee



Speech of President



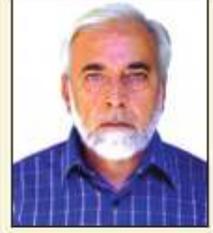
Principal Sir Faculties & Awarded Students



Refreshment

❖ નિષ્ફળતાથી સફળતા તરફ ❖

રજૂકર્તા :- મેહમુદ ઈસ્માઈલ બાંગી સા.
(ઓન. સેક્રેટરી, ધી સુરતી સુન્ની વહોરા મુસ્લિમ
એજ્યુકેશન સોસાયટી, સુરત.)



**મંજિલે ઉઠ્ઠી કો મિલતી હૈ,
જુનકે સપનો મેં જાન હોતી હૈ,
કેવલ પંખો સે કુછ નહીં હોતા,
હોંસલો સે ઉડાન હોતી હૈ.**

નિષ્ફળતા અને સફળતા એ મનુષ્ય એ આપેલા વ્યાખ્યાયિત પદો છે. નિષ્ફળતા અને સફળતાનો આધાર તમારા અભિગમ પર છે. તમારી કાબેલિયત પર છે. તમારી મહેનત પર છે. ડો. શશીકાંત શાહે લખ્યું છે કે, સફળતા કંઈ અકસ્માત નથી, પ્રત્યેક સફળ વ્યક્તિ પાછળ સંઘર્ષ અને પુરૂષાર્થનો લાંબો ઇતિહાસ છૂપાયેલો હોય છે. પ્રખ્યાત વિચારક ગારફિલ્ડે કહ્યું છે કે, કોઈપણ માણસ જ્યાં સુધી કોઈ વસ્તુ માટે પરિશ્રમ ન ઉઠાવે, ત્યાં સુધી તે વસ્તુ તેની મેળે તેની આગળ આવી પડતી નથી. સફળતાનો મુખ્ય આધાર તમારી પ્રબળ સંકલ્પશક્તિ પર રહેલો છે. પ્રબળ સંકલ્પ શક્તિના પ્રતાપે જ તો ક્રિકેટર યુવરાજસિંઘે કેન્સરને પરાસ્ત કરીને પ્રશંસનીય પુનરાગમન કર્યું છે. ગાત્રો ઠીજી જાય તેવી કડકડતી ઠંડીમાં માત્ર ચમ્પલ અને પોતિયા સાથે બ્રિટીશ પાલમિન્ટના પગથિયાં ચઢનાર મહાત્માગાંધી ને કેટલા ટન હિમ્મતની જરૂર પડી હશે ? આપણે તો હંમેશા એવા રોદણાં રડયાં કરીએ છીએ કે જો મને અમુક સવલતો મળી હો તો હું આમ કરત... તેમ કરત... ભાગ્ય બીજાના સહારે વિકસતું નથી. આપણે ભાર વેંટારવા માટે સંસારમાં બીજું કોઈ તૈયાર નહિ થાય. આપણે આ યાત્રા આપણા પોતાના પગ દ્વારા જ પૂરી કરવી પડે છે. નિષ્ફળતામાં પણ સફળતાની આકાંક્ષા રાખવાથી આગળ વધવાનો નવો માર્ગ મળી રહેતો હોય છે. આથી જ તો એક વિચાર કે સુંદર કહ્યું છે કે, પડવું એ કંઈ પતન નથી. પતન નો એમાં છે જ્યારે પડયા પછી તમે ઉભા થવાની જ ના પાડો. પોતે જે ડાળી પર બેઠો હતો તે જ ડાળી કાપનાર કાલીદાસ વિદ્યાઅધ્યક્ષના રાખત પરિશ્રમથી સંસ્કૃતનો મહાકવિ બની શક્યો. આપણા સૌની અંદર પણ અસાધારણ ગુપ્ત શક્તિઓનો ભંડાર છુપાયેલો છે. દુઃખ એ વાતનું છે કે આપણે સૌ આપણી જાતને તુચ્છ માનીએ છીએ. જ્યારે બીજી તરફ આ સૃષ્ટિના સર્વનહારે કુર્માનમાં કહ્યું છે કે, મનુષ્ય એ મારું શ્રેષ્ઠ સર્વન છે.

લોગ્ય અને ઉચ્ચસ્તરના સાધનો ભેગા કરવા માટે લોકો પ્રતીક્ષા કરતા રહે છે અને મહત્વપૂર્ણ કાર્ય શરૂ કરવા માટે વિચારે છે કે જ્યારે સાધનો ભેગાં થઈ જશે ત્યારે શરૂઆત કરીશું. જો આવો જ કોઈ વિચાર કરીને કોલંબસ બેસી રહ્યો હોત તો તેણે માત્ર અઢાર વર્ષની ઉંમરે અમેરિકાખંડ ન શોધ્યા હોત. અબ્રાહમ લિંકન ચૂંટણીમાં સત્તર વાર હાર્યા પછી પણ રાષ્ટ્રપતિની ચૂંટણી જીતી ગયા હતા. જન્મથી જ ભયંકર ગરીબીનો સામનો કરનાર જયોર્જ વોશિંગ્ટન અમેરિકાના શ્રદ્ધાપાત્ર રાષ્ટ્રપતિ કેવી રીતે બની શક્યા ? લોકોનો ઘરોમાં વાસણ માણને પુત્રનું પેટ ભરનાર માતાનો

દીકરો આજે પણ અંગ્રેજીના વિશ્વવિખ્યાત સાહિત્યકાર એચ.જી. વેલ્સના નામે ઓળખાય છે. સારાં ઉદ્દેશ્યને પૂરો કરવા માટે જ્યારે આદર્શવાદી લોકો આગળ વધે છે ત્યારે તેમને સૃષ્ટિના સર્જનહારની અને ઉપરવાળાની કૃપાથી અન્યોની મદદ પણ મળી રહે છે. પડકારોનો સામનો કરવાથી જ મનુષ્યનું ગૌરવ જળવાઈ રહે છે.

નિષ્ફળતા એ ખતાવે છે કે સફળતા મેળવવા માટે પૂરતી તત્પરતા, લગન અને હિંમત રાખવામાં આવી નથી. મોટાભાગના લોકોને પોતાની વિંદગીના કોઈ સ્પષ્ટ લક્ષ્ય હોતા નથી અને સફળ થવા વલખાં મારતાં હોય છે. કહેવાય છે કે, દુનિયામાં માત્ર 3% લોકો જ સ્પષ્ટ લક્ષ્ય ધરાવે છે. નિષ્ફળતાના માર્ગ પરથી સફળતાના માર્ગ પર તમે ત્યારે જ ગતિશીલ બની શકો જ્યારે તમારું લક્ષ્ય સ્પષ્ટ હોય અને તમારા ઈરાદાઓ પહાડ કરતાં પણ વધુ મક્કમ હોય. દુનિયામાં એવા હજારો ઈષ્ટાંતે છે જેમણે નિષ્ફળતાની પૃષ્ઠભૂમિમાંથી સફળતાની સોનેરી કેડી કંડારી છે. કથાકાર મોરારીબાપુ દસમાં ઘોરણમાં ત્રણ વખત નાપાસ થયા હતા છતાં એક સારા શિક્ષક અને કથાકાર બની શક્યા. આઈન્સ્ટાઈન ડિસ્લેકિસયા ની બીમારીથી પીડાતા બાળક હોવા છતાં આજે પણ તેમના આઈ-ક્યૂ પાવરને શ્રેષ્ઠ માનવામાં આવે છે. થોમસ આલ્વા એડિસન ભણવામાં ઠોઠ હતા તેમણે વિદિવત્ શાળાકીય શિક્ષણ લીધું જ ન હતું. વળી કાને બહેરાશ પણ હતી છતાં વીજબળીના બલ્બની શોધ કરીને જગતને રોશનીથી પ્રજ્વલિત કર્યું. બિલ ગેટ્સે પોતાના કેરિયરની શરૂઆત ગેરેજથી કરેલી જે આજે વિશ્વના અબજોપતિમાં છે. ધીરુભાઈ અંબાણીએ પ્રારંભમાં પેટ્રોલપંપ પર નોકરી કરવી પડી હતી. અમિતાભ બચ્ચનના અવાજને ઓલ ઈન્ડિયા રેડિયોએ રીજેક્ટ કરી દીધેલો. જ્યારે આજે એ જ અવાજ તેની પહેચાન છે. લકવાગ્રસ્ત વિલ્મા રૂડોલ્ફે ઓલિમ્પીકની દોડમાં ચાર ગોલ્ડ મેડલ પ્રાપ્ત કર્યા છે. આ ઈષ્ટાંતો એવું સુચવે છે કે નિષ્ફળતાથી હાર માનવાની જરૂર નથી. ધીરજ, લક્ષ્ય, સંકલ્પશક્તિ અને પુરુષાર્થ દ્વારા આપણે સફળતા પ્રાપ્ત કરી શકીએ છીએ.

**હિંમત ન હાર, સિફ એક કદમકા હી ફર્ક હૈ,
કાંટો કી વાદિયોં સે ગુલો કે દિયાર તક !**

ઈસ્લામની તારીખ ઊઠાવીને જોઈશું તો જણાશે કે, મહાન પયગંબર હજરત મુહંમદ (સલ.) એ કેવી વિકટ પરિસ્થિતિઓમાં સનાતન સત્યને ફેલાવવા માટે કષ્ટો વેઠયાં. એક તરફ પ્રભુની શ્રદ્ધા જ્યારે બીજી તરફ સમગ્ર અરબસ્તાન છયાં પણ આપે સફળતાની એવી કેડી કંડારી કે જેના પર આજે કરોડો અનુયાયીઓ ચાલી રહ્યાં છે. ઈસ્લામી જગતમાં પરિસ્થિતિ પ્રત્યે સભાન થઈ હજરત નૂહ (અલ.) એ સૌ પ્રથમ સ્ટીમર બનાવી અને લોકોને આચરણ દ્વારા મહેનતનો મહિમા સમજાવ્યો. તો હજરત દાઉદ (અલ.) એવા લુહાર હતા જેઓ લોખંડને પોતાના હાથથી પીગળાવી બેનમૂન ઓજારો બનાવી ઈસ્તાનિયતની ભલાઈ માટે તત્પર રહેતા. હજ ઈદ્રીસ (અલ.) એ સુધારી કામ કર્યું હતું. આપ ઉત્તમ સુધાર હતા. કહેવાનો મ્હાતલબ એ છે કે મઝહબે ઈસ્લામમાં ઘણો વર્ષો પૂર્વેથી જુમ સ્વિઝેરલ્ડ મહેનતનો મહિમા સમજાવવામાં આવ્યો છે. ઈશારા દ્વારા એ એવો બોધ આપવામાં આવ્યો છે કે જો તમારે નિષ્ફળતાથી સફળતા તરફ જવું હશે તો પુરુષાર્થ, પ્રભુશ્રદ્ધા અને સચ્ચાઈના માર્ગ પર મક્કામ મનોબળ સાથે, સંઘર્ષ કરતાં જઈને આગળ વધતાં રહેવું પડશે.

હું સાહસ છું ને હું તેજનું ગાન છું,
હું ચૌવન છું, દેશનું અભિમાન છું.

હું કોઈ કાંકરીયાળાથી ડરતો નથી,
હું તો પોતે જ સાગરનું તોફાન છું.

કોણ ઈનીવી શકે મુજથી આકાશ ?
હું એ જીવનદાતા સૂર્યની સમાન છું.

મારા હાથમાં છે સુરક્ષિત ઘરોહર,
હું મહાન રાષ્ટ્રનું સબળ સુકાન છું.

મારા દેશ સાથે રમત તો રમે કોઈ !
રક્ત સીચું કે માભોમની સંતાન છું.

ન કર ખાલી ખોટા કોઈ અનુમાન,
હું ભારતની આન-બાન-શાન છું.

કલ્પના ગાંધી
સબ એડીટર
'ડાયમંડ સિટી'

જિંદગી

જિંદગી નો શો ભરોશો ?
હસતા હસાવતા છે હમણાં
કોઈક દાહાડો રડાવી જોઈશું.

જિંદગી નો શો ભરોશો
થોડો આનંદ વ્હેંચી લઈએ
મધુર ક્ષણો માણી લઈએ
ઘડીકમાં બધું વિસરી જશે.
જિંદગી નો શો ભરોશો ?

જાણ્યે અજાણ્યે આજે મળ્યા
લ્હાવો મેળવી લો આ પળનો
કોઈક દહાડો વિખૂડા પડીશું
જિંદગી નો શો ભરોશો ?

પટેલ વિપુલ ડી.
મીકેનીકલ વિભાગ
૧૦૬૦૧૦૩૧૯૧૩૨

પ્રકૃતિના તત્ત્વો આપણ ને શું શીખવે છે?

સુર્ય : નિયમિત બનો ; બીજા ને અજ્ઞાન રૂપી
અંધકારમાંથી પ્રકાશમાં લઈ જાવ.

ચંદ્ર : શીતળ બનો ; ગુસ્સો કદી ન કરો.

આકાશ : વિશાળ બનો ; હૃદય ઉદાર રાખો.

ઝરણું : નિરંતર પ્રગતિ કરતા રહો.

ફુલ : ગમે તેવા દુઃખો વચ્ચે પણ સદાય હસતા રહો.

પૃથ્વી : ગતિ એ જ જીવન છે. સદાય ચતિ પ્રગતિ
કરતા રહો.

પરપોટા : અભિમાન કરશો તો પરતાવાનો વારે આવશે.

ઘરતી : ધૈર્ય અને ગમે તેટલી મુશીબતો વચ્ચે ટકી રહો.

પર્વત : હંમેશા લક્ષ્ય ઊંચુ રાખો.

ઘડિયાળ : નિયમિત બનો, સમય કોઈના માટે થોભતો નથી.

અગરબત્તી : પોતાની જાતને ઘસી નાખીને સૌને સુવાસ
આપો, એવા કાર્યો કરો કે તમારી સુવાસ આરે તરફ ફેલાય.

વૃક્ષ : પોતે દુઃખ સહન કરી સંતોની જેમ બીજા ને
આરામ આપે.

સુપડુ : દુર્ગુણો દૂર કરો, સદ્ગુણોનું ગ્રહણ કરો.

સોય : તોડવાનું નહિ જોડવાનું કામ કરો, બીજા ને
ભેગા કરવાથી શકતિ વધશે.

પટેલ વિપુલ ડી.
મીકેનીકલ વિભાગ
૧૦૬૦૧૦૩૧૯૧૩૨

રવિવાર

ખૂબ નહારો છે. રવિવાર કહ્યુ બિલકુલ માનતો જ નથી.
સામુ બોલે છે તે વધારાનું સ્તેજ કહીએ ત્યા તો
રિસાઈને ચાલ્યો જાય.

રખડી રખડીને શોધી કાઢવો પડે તેને

ખુબ કાલાવાલા કરી મનાવવો પડે.

લાડ લડાવો ત્યારે માને બાળક જેવો છે આ રવિવાર.

પટેલ વિપુલ ડી.
મીકેનીકલ વિભાગ
૧૦૬૦૧૦૩૧૯૧૩૨

ગઝલ

મૌન પણ ભાષા બને એવી ક્ષણે તું આવજે
યાદ ખુદ ટહુકા બને એવી ક્ષણે તું આવજે
વેદના ના હર પ્રહારો આજ ખમતો જાઉં છું
અચ્ચુઓ ઝરણ બને એવી ક્ષણે તું આવજે
દ્વાર પર મારા ટકોરા થાય એવી આશામાં
પગો છલ ના બને એવી ક્ષણે તું આવજે
હું કિનારા પર પ્રતિક્ષા પાથરી ઉભો રહીશ
આ વિરહ મોની બને એવી ક્ષણે તું આવજે
સ્વર્ણમય કવિતાને હું દામનમાં મારા સાચવીશ
શબ્દ સૌ લંકા બને એવી ક્ષણે તું આવજે
મે "હીના" ક્યારેક મારાથી નથી અળગી કરી
એ ખુશી પીડા બને એવી ક્ષણે તું આવજે.

ખૈર અજયસિંહ
મીકેનીકલ વિભાગ
૧૦૬૦૧૦૩૧૯૦૩૬

માથું દુખવાનું વૈજ્ઞાનિક કારણ શું? મસ્તકમાં એ વખતે શી ક્રિયા થતી હોય છે. ?

માથાનો દુખાવો બે જાતનો છે એક ને હેડએક કહે છે, જ્યારે બીજી જાતના દુખાવાનું તબીબી નામ માઈગ્રેન છે. બેઉમાં જ્ઞાનતંતુના છેડા દબાવાને લીધે દુખાવો થાય છે. તફાવત એ છે કે દબાણ માટેનું કારણ એ બન્નેમાં સરખું હોતું નથી. હેડએક વખતે માથાના અને ગરદન ના સ્નાયુઓ થોડા ઘણા સંકોચાય છે, એટલે પીડાને ઓળખતા જ્ઞાનતંતુઓ પણ દબાણ અનુભવે છે. પાણીની ટયૂબ માં પ્રવાહ બંધ હોય, છતા ટયૂબને દાબો ત્યારે સામે છેડે પાણી બહાર વહે તેમ દરેક જ્ઞાનતંતુ પણ સબાયા પછી એકધારી પીડાનો સંદેશો મગજ તરફ મોકલે છે, પરિણામે જ્ઞાનતંતુઓ પ્રેસ થયેલા રહે ત્યાં સુધી માથાનો દુખાવો અટકતો નથી.

માઈગ્રેન ના દુખાવા વખતે મગજમાં થોડીક જુદી ક્રિયા થાય છે. સ્નાયુઓ નહિ, પરંતુ રક્તવાહિનીઓ અનુક્રમે સંકોચાય અને ફૂલે છે. ફૂલે ત્યારે આસપાસના જ્ઞાનતંતુઓ સહેજ દબાય, માટે સબાકા બોલે છે.

ખૈર અજયસિંહ
મીકેનીકલ વિભાગ
૧૦૬૦૧૦૩૧૯૦૩૬

રમુજી વ્યાખ્યાઓ

- કવિ : કલ્પનાનું કારખાનું
- મન : બ્રેક વિનાની મોટર
- વકીલ : શબ્દોની જાળ ગૂથતો કરોળિયો
- રસોડુ : સ્ત્રીઓની પ્રયોગશાળા
- ઝગડો : મફતમાં મનોરંજન
- પેટ : ગમે તેટલો કચરો નાખવાની પેટી
- હોટલ : રોગોનું પ્રવેશદ્રાર
- જેલ : ભાડા વગરનું ઘર
- સેન્ડલ : સુવતીનું હથિયાર
- હજામ : વાળનો દુશ્મન
- ઉદિયુ : શાકભાજી નો કુંભ મેળો
- મંદિર : વગર પૈસો ચંપલ મેળવવાનું સ્થળ
- થિયેટર : કલિયુગનું મંદિર
- મચ્છર : રાત્રિના સંગીતકાર
- ચશ્મા : ભાડે લીધેલ આંખ
- ભજીયા : ચણાના લોટનો અણબોમ્બ
- વૃક્ષ : પક્ષીઓની ધર્મશાળા
- પસ્તાવો : પાપ ધોવાનો માર્ગ
- વાનર : દરેક છાપરાની માલિકી
- ભેસ : દુધ આપતી ફેકટરી
- કોલેજ : આધુનિક સ્વર્ગ
- બગાસું ; ઉંઘનો ટેલિફોન
- સાસુ : પાવર વિનાનો રેડિયો
- સસરો : વહુનો ચોકીદાર
- અંબોડો : વાળની મીટીંગ
- દાઢી : ખાતર વિનાનો પાક
- લગ્નદિન : ખુશીનો છેલ્લો દિવસ
- વરરાજા : એક દિવસનો બાદશાહ
- સિંદુર : પતિનું લાયસન્સ

◆ ટૂંકી વાર્તા ◆

એક ઘનવાન માણસ હતો. દરિયામાં એકલા ફરવા તેણે બોટ વસાવી હતી. રજાના દિવસે તે પોતાની બોટમાં દરિયો ખુંદવા નીકળ્યો. મધ્યદરિયે પહોંચ્યો ત્યાં દરિયામાં તોફાન આવ્યું. બોટ ડૂબવા લાગી. બોટ બચવાની કોઈ શક્યતા ન લાગી ત્યારે એણે લાફડ જેકેટ પહેરીને દરિયામાં પડતું મૂક્યું. બોટ ડૂબી ગઈ. તોફાન પણ શાંત થઈ ગયું.

તરતો તરતો એ માણસ એક ટાપુ પર પહોંચી ગયો. ટાપુ ઉપર કોઈ જ ન હતું. ટાપુના ફરતે ચારે તરફ ઘૂઘવાતા દરિયા સિવાય કંઈ જ નજરે પડતું ન હતું. એ માણસે વિચાર્યું કે જે ઈશ્વરે તોફાની દરિયાથી તેને બચાવ્યો છે એ જ ઈશ્વર કંઈક રસ્તો કાઢી આપશે. દિવસો પસાર થવા લાગ્યા. ટાપુ પર ઉગેલા ઝાડ-પાન ખાઈને એ માણસ દિવસો પસાર કરતો હતો. થોડા દિવસમાં તેની હાલત બાવા જેવી થઈ ગઈ. ધીમે ધીમે તેની શ્રદ્ધા તૂટવા લાગી. ઈશ્વરના અસ્તિત્વ સામે પણ તેને સવાલો થવા લાગ્યા. ભગવાન જેવું કંઈ છે જ નહીં, બાકી મારી હાલત આવી ન થાય.

ટાપુ ઉપર કેટલાં દિવસો કાઢવાના છે એ તેને સમજાતું ન હતું. તેને થયું કે લાવ નાનકડું ઝૂંપડું બનાવી લઉં. ઝાડની ડાળી અને પાંદડાની મદદથી તેણે ઝૂંપડું બનાવ્યું. એને થયું કે, હાશ, આજની રાત આ ઝૂંપડામાં સૂવા મળશે. મારે ખુલ્લામાં સૂવું નહીં પડે. તત પડી ત્યાં વાતાવરણ બદલાયું.

અચાનક વીજળીનાં કડાકા-ભડાકા થવા લાગ્યા. ઝૂંપડીમાં સૂવા જાય એ પહેલાં જ ઝૂંપડી ઉપર વીજળી પડી. આખી ઝૂંપડી ભડભડ સળગવા લાગી. એ માણસ સળગતી ઝૂંપડી જોઈ ભાંગી પડ્યો. ઈશ્વરને મનોમન ભાંડવા લાગ્યો. તું ઈશ્વર નથી, રાક્ષસ છો, તને દયા જેવું કંઈ નથી. તું અત્યંત ક્રૂર છો.

તહાસ થઈને માથે હાથ દઈ રડતો રડતો એ માણસ બેઠો હતો. અચાનક જ એક બોટ ટાપુના કિનારે આવી. બોટમાંથી ઉતરીને બે માણસો તેની પાસે આવ્યા. તેણે કહ્યું, અમે તમને બચાવવા આવ્યા છીએ. તમારું સળગતું ઝૂંપડું જોઈને અમને થયું કે આ અવાવરું ટાપુ પર કોઈ ફસાયું છે. તમે ઝૂંપડું સળગાવ્યું ન હોત તો અમને ખબર જ ન પડત કે અહીં કોઈ છે!

એ માણસની આંખમાંથી દસદસ આંસુ વહેવા લાગ્યા. ઈશ્વરની માફી માંગી અને કહ્યું કે મને ક્યાં ખબર હતી કે તે તો મને બચાવવા માટે મારું ઝૂંપડું સળગાવ્યું હતું !

કંઈક ખરાબ બને ત્યારે માણસ નાસીપાસ થઈ જાય છે. સુખનું એક બારણું બંધ કરી દે ત્યારે સાથોસાથ સુખના નીજા બારણાંઓ ખોલી દે છે પણ આપણે મોટાભાગે બંધ થઈ ગયેલાં સુખના બારણાં તરફ જ જોઈને બેસી રહીએ છીએ. બીજી તરફ નજર જ નાખતા હોતા નથી.

❖ ભારતની અંતરિક્ષયાત્રા ❖

ભારતમાં અવકાશ કાર્યક્રમો અને તેની ઘટનાઓની તારીખ

ઉપગ્રહ	તારીખ	હેતુ	પરિણામ
આર્યભટ્ટ	૧૯/૦૪-૧૯૭૫	વૈજ્ઞાનિક	સફળ
ભાસ્કર ૧	૦૭/૦૬/૧૯૭૯	ભૂમિ નિરિક્ષણ	સફળ
રોહિણી	૧૦/૦૮/૧૯૮૦	ભૂમિ નિરિક્ષણ	નિષ્ફળ
રોહિણી	૧૮/૦૭/૧૯૮૦	ભૂમિ નિરિક્ષણ	સફળ
રોહિણી	૩૧/૦૫/૧૯૮૧	વૈજ્ઞાનિક	સફળ
એપલ	૧૯/૦૬/૧૯૮૧	દૂર સંચાળ	સફળ
ભાસ્કર ૨	૨૦/૧૧/૧૯૮૧	ભૂમિ નિરિક્ષણ	સફળ
ઇન્સેટ ૧ એ	૧૦/૦૪/૧૯૮૨	બહુ હેતુ	નિષ્ફળ
રોહિણી	૧૭/૦૪/૧૯૮૩	વૈજ્ઞાનિક	સફળ
ઇન્સેટ ૧ બી	૦/૦૮/૧૯૮૩	બહુ હેતુ	સફળ
સ્પ્રોસ ૧	૨૪/૦૩/૧૯૮૭	ટેકનોલોજી	નિષ્ફળ
આઇ.આર.એસ.-૧ એ	૧૭/૦૩/૧૯૮૮	રિમોટ સેન્સિંગ	સફળ
સ્પ્રોસ ૨	૧૩/૦૭/૧૯૮૮	ટેકનોલોજી	નિષ્ફળ
ઇન્સેટ ૧ સી	૨૧/૦૭/૧૯૮૮	બહુ હેતુ	નિષ્ફળ
ઇન્સેટ ૧ ડી	૧૨/૦૬/૧૯૯૦	બહુ હેતુ	નિષ્ફળ
આઇ.આર.એસ.-૧ બી	૨૧/૦૭/૧૯૯૧	રિમોટ સેન્સિંગ	સફળ
સ્પ્રોસ ૩	૨૦/૦૫/૧૯૯૨	વૈજ્ઞાનિક	સફળ
ઇન્સેટ ૨ એ	૧૭/૦૭/૧૯૯૨	બહુ હેતુ	સફળ
ઇન્સેટ ૨ બી	૨૩/૦૭/૧૯૩૩	બહુ હેતુ	સફળ
આઇ.આર.એસ.-૧ ઇ	૨૦/૦૯/૧૯૯૩	રિમોટ સેન્સિંગ	સફળ
સ્પ્રોસ ૪	૦૪/૦૫/૧૯૯૪	વૈજ્ઞાનિક	સફળ
આઇ.આર.એસ.- પી ૨	૧૫/૧૦/૧૯૯૪	રિમોટ સેન્સિંગ	સફળ
ઇન્સેટ ૨ સી	૦૭/૧૨/૧૯૯૫	ટેલિકોમ	સફળ
આઇ.આર.એસ.-૧ સી	૨૮/૧૨/૧૯૯૫	રિમોટ સેન્સિંગ	સફળ
આઇ.આર.એસ.- પી ૩	૨૧/૦૩/૧૯૯૬	રિમોટ સેન્સિંગ	સફળ
ઇન્સેટ ૨ ડી	૦૪/૦૬/૧૯૯૭	ટેલિકોમ	નિષ્ફળ
આઇ.આર.એસ.-૧ ડી	૨૯/૦૯/૧૯૯૭	રિમોટ સેન્સિંગ	સફળ
ઇન્સેટ ૨ ઇ	૦૩/૦૪/૧૯૯૯	બહુ હેતુ	સફળ
ઇન્સેટ ૩ બી	૨૨/૦૩/૨૦૦૦	શિક્ષણ વિકાસ	સફળ
ઇન્સેટ ૩ સી	૨૪/૦૧/૨૦૦૨	દૂર સંચાર	સફળ
ઇન્સેટ ૩ એ	૧૦/૦૪/૨૦૦૩	દૂર સંચાર	સફળ
ઇન્સેટ ૩ ઇ	૨૮/૦૯/૨૦૦૩	દૂર સંચાર	સફળ
ઇન્સેટ ૩ એ	૨૨/૧૨/૨૦૦૫	દૂર સંચાર	સફળ

Miss. T.C. Patel
Lect. Civil Engg. Dept.

SEVEN BRILLIANT QUOTES



Shakespeare.....

"Never play with the feelings of others because you may win the game but the risk is that you will surely lose the person for a life time."



Napoleon.....

"The world suffers a lot. Not because of the violence of bad people. But because of the silence of good people."



Einstein.....

"I am thankful to all those who said NO to me. It's because of them I did it myself."



Abraham Lincoln.....

"If friendship is your weakest point then you are the strongest person in the world."



Martin Luther King.....

"We must learn to live together as brothers or we will perish together as fools."



Mahatma Gandhi.....

"The weak can never forgive. Forgiveness is the attribute of the strong."



Dr Abdul Kalam.....

"It is very easy to defeat someone, but it is very hard to win someone."

◆ **A SHORT STORY** ◆

Long Back ago...

There was a huge Apple tree. A Little boy loved to play with it. He Love to climb the tree, love to eat apple. Love to take the nap under its shadow. Times went on. The boy grew up. And he no longer plays around the tree.

One day the boy came. The Tree asked him: "Hi.. Come and Play with me.." The Boy replied, "I am not a kid. I don't play around tree" "I play with toys. I need money to buy toys." The Tree said... "I don't have money but you can take all my apples and sell it. You will get the money." The boy picked all the apples of the tree and went. He sold the apples and got money. He bought lots of toys. But he didn't turn back. The Tree was again sad...

One day again the boy came, he became a young man now. The Tree said "HI...!! Why are you Sad? Come and Sit under my shadow. I am feeling very lonely without you." The boy said "I don't have time. I work for my family. I want to build Home for them. I Need money" The Tree said "I don't have money. You can take my Branches and trunk and build your home" The Boy Became Happy. He cut all the branches and trunk of the tree and built a home for him Again the tree became alone. The boy didn't turn back. Time passes on.

After Long time the boy came back. He was so old, Looking sad, Tired and lonely.

The Tree asked him.. "Why are you Sad? I Wish I Can help you, but I don't have apples, I don't have branches, even I don't have shadow. Nothing to offer you.

The Boy (old man) replied. "I am tired of my life, I am alone, I just need you. Can I sit down at your roots" The Boy (Old man) sits down. Both were happy & weeping.

Is the boy really cruel and selfish??

??

No...

We all are like him, and treating our parent like that. The tree is like our parent. We love to play with them when we were kids. We leave them alone and come only when we are in need or in trouble. We don't have Time for our Parent. No matter what, parent will always give everything to make us happy and solve our problems. And in return what they want, Just our company!

Please love to your parent. Don't forget them. Give them Time. Give them your company. They will be happy by seeing you happy.

Please don't leave your parent. Gratitude them...

Mr. R.R. Chaudhari
Lect. E&C Engg. Dept.

TECHNICAL ARTICLES

❖ HYBRID DESIGN COMES TO POWER PLANT ❖

Most power plants create power by using fuel. solar thermal power plants use high temperatures and pressures generated by sunlight to produce turbine movement are currently the industry's environmentally friendly alternative.

In a solar thermal power plant, sunlight is harvested to create hot high-pressure steam, approximately 400 to 500 degrees centigrade. This solar-produced steam is then used to rotate the turbines that generate electricity.

But it is some what unrealistic economically for the power industry. "It's complex solar technology," The materials alone, which include pipes made from expensive metals designed to handle high pressures and temperatures, as well as fields of large mirrors needed to harvest and concentrate enough light, make the venture too costly to be widely implemented.

Prof. Avi Kribus of Tel Aiv University's School of Mechanical Engineering and its innovative new Renewable Energy Centre is applying the term "hybrid" to power plants. Prof. Kribus has developed a new technology that combines the use of conventional fuel with the lower pressures and temperatures of steam produced by solar thermal power, allowing plants to be hybrid, replacing 25 to 50 percent of their fuel use with green energy.

With his graduate student Maya Livshits, Prof. Kribus is developing an alternative technology, called a steam-injection gas turbine, which works on hot air and hot steam, and inject the solar-produced steam into the process," This hybrid cycle is not only highly efficient in terms of energy production, but the lowered pressure and heat requirements allow the solar part of the technology to use more cost-effective materials, such as common metals and low-cost solar collectors.

Its not a totally alternative solution, but substituting a quarter to half of the fuel with solar is no small thing. A hybrid plant does offer a more realistic option for the coming decades.

Mr. P.J. Surti
I/C H.O.D.
Mechanical Engg. Dept.

TECHNICAL ARTICLES

❖ SCOPE OF RENEWABLE ENERGY IN INDIA ❖

Electrical energy is imperative for economic growth of a country- be it for improving quality of life or opportunities for development in the country. India is a developing economy and the demand for electricity is an ever growing phenomenon at a rapid pace. India is the world's fourth largest consumer of electricity after United States, China and Russia. At present, there is an acute shortage of electricity in our country and the price of electricity is increasing very rapidly as it is scarce. Major power generated in India is from the consumption of fossil fuel such as coal, which is not enough to cope with the country's energy demand and at the same time it causes huge damage to the environment.

To mitigate this problem of increasing prices, unavailability of fossil fuel and environment problems, the utilization of new and renewable sources of energy has become the need of present day for electricity generation. Ministry of New and Renewable Energy (MNRE) is responsible for research and development, intellectual property protection, and international cooperation, promotion and coordination in renewable energy sources such as wind power, small hydro, biogas and solar power in India. The broad aim of the Ministry is to develop and deploy new and renewable energy for supplementing the energy requirements of India for sustainable development.

Jawaharlal Nehru National Solar Mission (JNNSM) has been established by the ministry in our country and its main target is to install 20,000 MW of grid connected and 2000 MW off-grid solar power by 2022.

National Biogas and Manure Management Programme (NBMMP) has been established by the ministry to provide clean bio- gaseous fuel for cooking purposes and also for other applications for reducing use of LPG and other conventional fuels for generating electricity. The total number of deployment of Family Biogas plant was 44.08 lakhs. India generates 1226.60 MW from biogas.

MNRE has also helped in the development of wind power and small hydro power in the country. The Ministry has been successful in installing 18274.80 MW of wind power and 3451.49 MW of small hydro power.

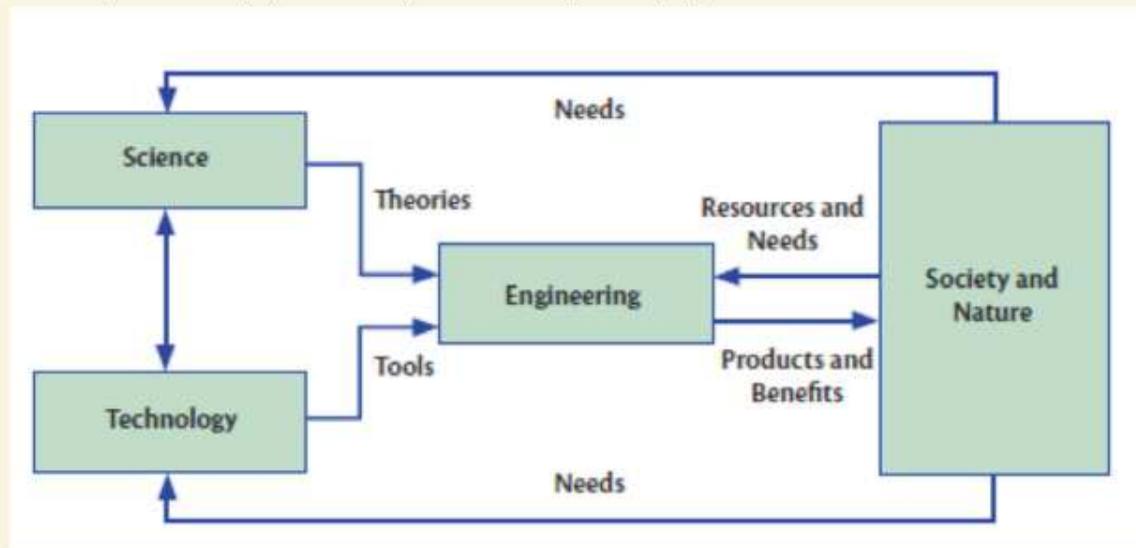
Renewable Energy is Green, Clean and Sustainable.

Mr. D.J. Prasad
Lect. Electrical Engg. Dept.

TECHNICAL ARTICLES

❖ ENGINEERING AND SOCIAL NEEDS ❖

Engineering is the field or discipline, practice, profession and art that relates to the development, acquisition and application of technical, scientific and mathematical knowledge about the understanding, design, development, invention, innovation and use of materials, machines, structures, systems and processes for specific purposes.



The development and application of knowledge in engineering and technology underpins and drives sustainable social and economic development. Engineering and technology are vital in addressing basic human needs, poverty reduction and sustainable development, and to bridge the 'knowledge divide'. This chapter focuses on the vital role of engineering and innovation in human, social and economic development. It includes a very short history of engineering, referring particularly to engineering education and how the history of engineering has affected its future. The history of engineering at UNESCO discusses how the engineering sciences programme was once the largest activity in the Natural Sciences Sector at UNESCO, but declined with the rise of the environmental sciences, and is now hopefully poised for a resurgence in recognition of the importance of engineering as a core and underpinning an area of knowledge application and innovation in such areas as climate change mitigation and adaptation.

Electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics, and electromagnetism. This field first became an identifiable occupation in the latter half of the 19th century after commercialization of the electric telegraph, the telephone, and electric power distribution and use. It now covers a wide range of subfields including electronics, digital computers, power engineering, telecommunications, control systems, RF engineering, and signal processing.

Electrical engineers work in multimedia, telecommunications, electric power, signal processing and control. They work with physicians on new diagnostic devices and with urban planners on new efficient vehicles. Their work makes our lives more interesting, effective and safe, and increases our productivity and standard of living.

Mr. M.A. Shaikh
Lect. Electrical Engg. Dept.

TECHNICAL ARTICLES

❖ POWER QUALITY ❖

Power quality determines the fitness of electrical power to consumer devices. Synchronization of the voltage frequency and phase allows electrical systems to function in their intended manner without significant loss of performance or life. The term is used to describe electric power that drives an electrical load and the load's ability to function properly. Without the proper power, an electrical device (or load) may malfunction, fail prematurely or not operate at all. There are many ways in which electric power can be of poor quality and many more causes of such poor quality power.

The electric power industry comprises electricity generation (AC power), electric power transmission and ultimately electricity distribution to an electricity meter located at the premises of the end user of the electric power. The electricity then moves through the wiring system of the end user until it reaches the load. The complexity of the system to move electric energy from the point of production to the point of consumption combined with variations in weather, generation, demand and other factors provide many opportunities for the quality of supply to be compromised.

While "power quality" is a convenient term for many, it is the quality of the voltage rather than power or electric current that is actually described by the term. Power is simply the flow of energy and the current demanded by a load is largely uncontrollable.

- ☒ The quality of electrical power may be described as a set of values of parameters, such as:
- ☒ Continuity of service
- ☒ Variation in voltage magnitude (see below)
- ☒ Transient voltages and currents
- ☒ Harmonic content in the waveforms for AC power

Mr. M.H. Darsot
Lect. Electrical Engg. Dept.

❖ HISTORY OF RADIO ❖

The early history of radio is the history of technology that produced radio instruments that use radio waves. Within the timeline of radio, many people contributed theory and inventions in what became radio. Radio development began as "wireless telegraphy". Later radio history increasingly involves matters of programming and content

INVENTION OF RADIO

James Clerk Maxwell showed mathematically that electromagnetic waves could propagate through free space. Heinrich Rudolf Hertz and many others demonstrated radio wave propagation on a laboratory scale. In 1895, Marconi built a wireless system capable of transmitting signals at long distances (1.5 mi./ 2.4 km). From Marconi's experiments, the phenomenon that transmission range is proportional to the square of antenna height is known as "Marconi's law". This formula represents a physical law that radio devices use.

WIRELESS TELEGRAPHY AND WIRELESS TELEPHONY

The term wireless telegraphy is a historical term used today to apply to early radio telegraph communications techniques and practices, particularly those used during the first three decades of radio

TECHNICAL ARTICLES

(1887 to 1920) before the term radio came into use. Guglielmo Marconi demonstrated application of radio in commercial, military and marine communications and started a company for the development and propagation of radio communication services and equipment. The field of radio development attracted many researchers, and bitter argument over the true "inventor of radio" persist to this day.

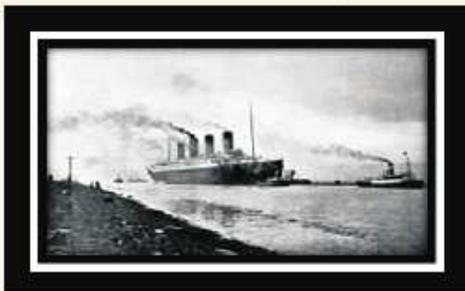
START OF THE 20TH CENTURY

Julio CerveraBaviera developed radio in Spain around 1902., Cervera had, with the blessing of the Spanish Army, visited Marconi's radiotelegraphic installations on the English Channel, and worked to develop his own system. He began collaborating with Marconi on resolving the problem of a wireless communication system, obtaining some patents by the end of 1899. Cervera, who had worked with Marconi and his assistant George Kemp in 1899, resolved the difficulties of wireless telegraph and obtained his first patents prior to the end of that year. On March 22, 1902, Cervera founded the Spanish Wireless Telegraph and Telephone Corporation and brought to his corporation the patents he had obtained in Spain, Belgium, Germany and England.He established the second and third regular radiotelegraph service in the history of the world in 1901 and 1902 by maintaining regular transmissions between Tarifa and Ceuta for three consecutive months, and between Javea (Cabo de la Nao) and Ibiza (CaboPelado). This is after Marconi established the radiotelegraphic service between the Isle of Wight and Bournemouth in 1898.

BRITISH MARCONI

Using various patents, the British Marconi company was established in 1897 and began communication between coast radio stations and ships at sea. This company along with its subsidiary American Marconi, had a stranglehold on ship to shore communication. It operated much the way American Telephone and Telegraph operated until 1983, owning all of its equipment and refusing to communicate with non-Marconi equipped ships. In June 1912, after the RMS Titanic disaster, due to increased production Marconi opened the world's first purpose-built radio factory at New Street Works in Chelmsford, and in 1932 the Marconi Research Laboratory. Many inventions improved the quality of radio, and amateurs experimented with uses of radio, thus planting the first seeds of broadcasting.

FERDINAND BRAUNIn 1909, Marconi and Karl Ferdinand Braun were awarded the Nobel Prize in Physics for "contributions to the development of wireless telegraphy".



In 1912, the RMS Titanic sank in the northern Atlantic Ocean. After this, wireless telegraphy using spark-gap transmitters quickly became universal on large ships. In 1913, the International Convention for the Safety of Life at Sea was convened and produced a treaty requiring shipboard radio stations to be manned 24 hours a day.

MISS S.V.MORE
Electrical Engg.dept.

❖ MICHAEL FARADAY ❖

Michael faraday (22 sep. 1791 to 25 aug. 1867) was an English scientist who contributed to the fields of electromagnetism and electrochemistry. His main discoveries include those of electromagnetic induction, diamagnetism and electrolysis.

Although faraday received little formal education he was one of the most influential scientists in history, and historians of science refers to him as having been the best experimentalist in the history of science. It was by his research on the magnetic field around a conductor carrying a direct current that faraday established the basis from the concept of the electromagnetic field physics. Faraday also established that magnetism could affect ray of light and that there was an underlying relationship between the two phenomena.he similarly discovered the electromagnetic induction, diamagnetism, and law of electrolysis. His invention of electromagnetic rotary devices formed the foundation of electric motor technology, and it was largely due to his efforts that electricity became practical for use in technology.

As a chemist faraday discovered benzene, investigated the clathrate hydrate of chlorine, invested an early form of the Bunsen burner and system of oxidation numbers, and popularized technology such as anode, cathode, electrode and ion. Faraday ultimately becomethe first and foremost Fullerial professor of chemistry at the royal institute of GREAT BRITAIN, a life time position.

Faraday was an excellent experimentalist who conveyed his ideas in clear and simple languages; James clerk Maxwell took the work of faraday and others, and summarized it in set of equations that is accepted as the basis of all modern theories of electromagnetic phenomena. On the faraday's uses of the lines of force, Maxwell wrote that they show faraday "To have been in reality a mathematician of a very high order- one from whom the mathematicians of the future may derive valuable and fertile methods". The SI unit of capacitance, the Farad, is named in his honour.

Albert Einstein kept a picture of faraday on his study wall, alongside pictures of Isaac Newton and James clerk Maxwell. Physicist Ernest Rutherford stated; when we consider the magnitude and extent of his discoveries and their influence on the progress of science and of industry, and there in no honor too great to pay to the memory of faraday, one of the greatest scientific discoverers of all time.

Faraday died at his house at Hampton Court on 25 August 1867 aged 75 years and 11 months. Hirshfeld maintains in his biography that Faraday suffered from mental breakdown due to his intellectual exertions so that he became debilitated by the end of his life and unable to conduct any meaningful research

M.P.BORASIYA
Lect. Electrical Engg. Dept.

CHECK LIST OF SUCCESSES ❖

Had Sachin Tendulkar , famed God of Cricket, only reached the 10-20 centuries instead of scoring record broken 100 centuries , would he have considered himself a success?

Had Dhirubhai only sold clothing material and be happy , instead of making RELIANCE hug venture , would he be considered these much successful business tycoon ?



Do you have a definition of success? If not for your life as a whole, how about at work or at home? If you don't, soon you will.

Without defining success in the present, how can you possibly know if you're doing well in the future?

This checklist is unlike others. I'm not going to give you one; you're going to write it. I want you write a list of benchmarks that, when met, will equal success.

Breathing and walking are enough for many people to feel successful, having a healthy family is enough for others. I couldn't agree more. So let's treat this exercise as icing on the cake. What would it take—in your career, health, relationships, etc.—for you to feel that you are succeeding?

Make your own list for different areas like study,work , health and then try to achieve it to consider your self to become successful.

Oldy but a Goody

I know you've heard it before, but I'd be remiss if I didn't repeat it. Be clear with your goals. The more you know about the things you want, the easier it will be to get motivated to achieve them. Be clear. Be specific. Be Successful.

The Key Ingredients

Having goals in our lives is important. For some, merely creating goals brings about a positive change. When you make a goal, you are creating an exciting challenge for yourself. To make sure you meet that challenge with the right tools, you will need to do three things.

1. Write It Down

The first step is to write your goal down on paper. This may seem like a simple step, but it makes your goal visible and tangible.

2. Break it Down

You may have a goal of losing weight. This alone seems like a difficult thing to do. But when we break this goal down into its different parts, these smaller goals become easier to handle.

3. Remind Yourself

With so many things to do during your busy day, your goals can sometimes be put aside. Write yourself a reminder, and place it where it will be seen often. Your fridge, bathroom mirror, or desk are just a few of the places where you could post your goal.

Mr. J.M. Barad
Lect. Computer Engg. Dept.

TECHNICAL ARTICLES



**ENGINEERING
A BETTER
WORLD**

The Extraa in an Engineer

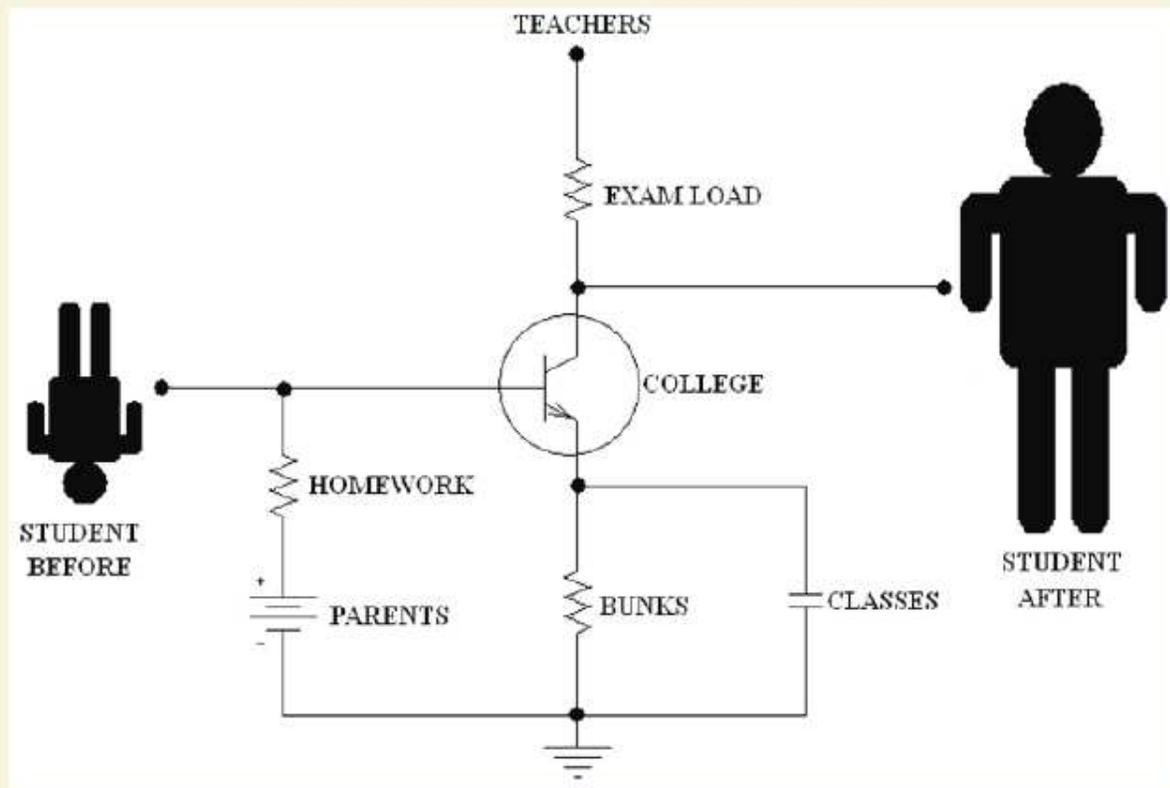
I would like to mention here the extras “E” element in an engineer. Now a day there is number of person who is doing engineering, or many are dreaming to take admission in famous Engineering College from their school time. Just because of their elders told them to do so, may be for better perks and benefits. Sometimes for doing this many elders are forcing their child to do lot of hard work in studies, as the higher the percentage (%) they will get admission, higher chance to be absorb in company. In this race many are concentrated only in getting higher percentages (%). Currently We are overloaded by Information, studying and memorizing stuff. but the only skills we really need to learn in college are how to socialize and be a functioning human in society, Beacause that's the only thing we will be constantly doing for the rest of our life. But have you ever thought of what “Engineering” is really meant for. First of all I would like to define “Engineer”. Engineer:-A person who is operating or in charge of an Engine. Hence one thing is very clear that he/she must be creative person, never seemed as destructor. Same way engineering is defined “Make the world better place mostly”. Engineering is not just about boring and tiresome jobs, it's wide. All we have to do is to change our perspective, look at things differently.

Therefore 'being an engineer' we should always try to implement ideas for betterment of society at a cost everyone can afford.

Mr. V.M. Patil
Lect. Computer Engg. Dept.

TECHNICAL ARTICLES

WHAT ELECTRONICS TEACHES US?



Dear friends, here I have presented a simple Common-emitter amplifier circuit, which is mostly used as an important electronic concept.

This indicates that the student gets biased from parents and teachers.

Homework is necessary for clear the concepts for the exam.

College provides atmosphere to discuss any problem and gives solution.

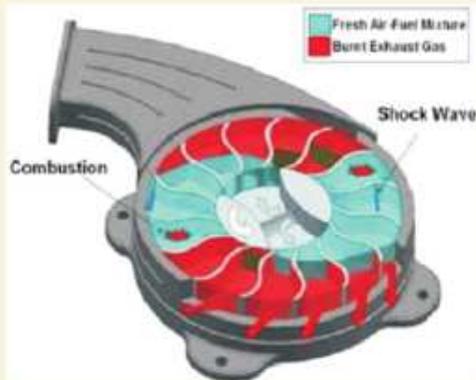
Finally he/she appears for the exam.

As viewing properly, if student attends classes then the result is gained and if student bunks the classes the result is poor.

So, we have to learn that we have complete supports from our parents and teachers. They help us to build our carrier. But, the condition is we have to come into college and attend each and every class to improve our performance.

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

A New Engine Is Coming



The new engine connected to a generator and buffered by a battery and likely some capacitor storage would be powerful enough to run a full size vehicle.

The new engine is a "disk wave" chamber instead of a piston in a cylinder. The disk wave principle uses a novel internal system to generate shock waves by igniting a compressed air and fuel mixture that propels rotors. No valve gear, pistons, connecting rods or crankshaft. The wave disk engine is smaller, lighter and easier to manufacture.

The engine is a system of rotors with radial channels that work due to timing as the shock waves are generated and move through the system. To grasp what's going on, consider a turbine with air going in one end and exhaust gas exiting the other, like a set of fans. The wave engine it seems is like a squirrel cage or centrifugal fan with the air coming in the center and exhaust leaving the perimeter. Seems simple . . . vent the incoming air fuel mix properly, ignite it and vent it out at the right moment.

The wave disk engine offers a major improvement using 60% of the fuel to create power, making it up to four times as efficient as today piston engines. That offers a whole new calculation on fuel use. It would also stuff a plug into the progress of grid charged electric vehicles. Consumers and the oil companies will love this cutting 75% of the gas bill for one and staying in the game for the other is a natural symbiosis.

In case you're wondering why the piston engine isn't ever going to catch up to turbine types, it's the working function problems. Pistons (plus the pins and a part of the mass of the connecting rod) have to go up and down essentially stopping and starting with the acceleration and deceleration twice with each crankshaft turn. Lots of energy gets used doing that. Plus there is the air turbulence inside the crankcase twice the displacement of the engine gets pumped in every revolution using more energy. There are also all those moving parts, compressing springs and other things gong on. It's astonishing the modern internal combustion engine is as efficient as it is.

The engines would be relatively easy to manufacture and reduce the overall weight of a car by hundreds of pounds, enabling hybrid vehicles to be perhaps 20 percent lighter and 30 percent less expensive. A series hybrid could be very desirable, indeed.

Mr. P.J. Surti

I/C H.O.D. Mechanical Engg. Dept.

TECHNICAL ARTICLES

How to know BAR CODE

For India Bar Code's 1'st 3 Digits are 890, Buy Them as much as U can.

This article is very useful to know about BAR-CODE

Dear friends

This is a human right to know, but the government and related department never educate the public, therefore we have to rescue ourselves.

Remember.

00-13: USA & Canada

40-44: Germany

471: Taiwan

477: Lithuania

482: Ukraine

486: Georgia

49: Japan (JAN-13)

528: Lebanon

535: Malta

560: Portugal

590: Poland

600 & 601: South Africa

613: Algeria

625: Jordan

690-692: China

73: Sweden

742: Honduras

746: Dominican Republic

76: Switzerland

775: Peru

780: Chile

786: Ecuador

84: Spain

859: Czech Republic

87: Netherlands

888: Singapore

899: Indonesia

94: New Zealand

978: International Standard Book Numbering (ISBN)

20-29: In-Store Functions

45: Japan (also 49)

474: Estonia

479: Sri Lanka

484: Moldova

487: Kazakhstan

50: United Kingdom

529: Cyprus

539: Ireland

569: Iceland

594: Romania

609: Mauritius

619: Tunisia

626: Iran

70: Norway

740: Guatemala

743: Nicaragua

750: Mexico

770: Colombia

777: Bolivia

784: Paraguay

789: Brazil

850: Cuba

860: Yugoslavia

880: South Korea

890: India

90 & 91: Austria

955: Malaysia

979: International Standard Music Number (ISMN)

30-37: France

46: Russian Federation

475: Latvia

480: Philippines

485: Armenia

489: Hong Kong

520: Greece

531: Macedonia

54: Belgium & Luxembourg

57: Denmark

599: Hungary

611: Morocco

622: Egypt

64: Finland

729: Israel

741: El Salvador

744: Costa Rica

759: Venezuela

773: Uruguay

779: Argentina

785: Peru

80 - 83: Italy

858: Slovakia

869: Turkey

885: Thailand

893: Vietnam

93: Australia

977: International Standard Serial Number for Periodicals (ISSN)

980: Refund receipts

If the 1st 3 digits are 471 – Taiwan made



So please spread the words to everyone.....

if the first 3 digits is 690-692 then it is made in China

Mr. M.S. Dinath

I/C H.O.D. Electrical Engg. Dept.

ACADEMIC REPORT

❖ PAST PERFORMANCE ❖

Pass out record Academic progress: -

The first admission of 240 students in four disciplines was done in 2008 and intake is increase to 360 from 2009 with one new diploma in computer engineering.

In 2011, first batch of 152 students appear for final exam and 145 students got diploma certificate with 31 in civil, 38 in electrical, 41 in electronics & comm. & 35 in mechanical engineering. Out of 144 students 90 students got admission in Degree College on merit basis.

In 2012, second batch of 285 students appear in final examination and 203 got diploma with 21 in civil, 48 in electrical, 32 in computer, 30 in electronics & comm. & 72 in mechanical engineering. Out of 202 students 141 students got admission in Degree College on merit basis.

At the same time, due to effort of our training and placement department of our college in 2011 batch 40 got job in various industries like, Tata Motors, Piramal Glass, ABC Bearings, Reliance Communication, Mundra SEZ etc.

While from 2012 batch 38 students got good job. Sharine Tech, Tata Docomo, Torrent Power, L&T MHI, Piramal Glass, GSFC Ltd etc.

Result Analysis: -

A.Y.Dadabhai Technical institute among 95 polytechnics of Gujarat state under Gujarat Technological University in the result of all semester always in first top ten polytechnics.

In Dec 2010, for first semester we are at second in rank, in Dec 2010, we again at second in rank with more than 7.00 S.P.I. In Dec 2011 we are fourth for first semester result.

Overall percentage of pass out in all semester is 74.58% and drop out is 13.79%.

ACADEMIC REPORT

CIVIL ENGINEERING DEPARTMENT

BATCH - 2008

SEMESTER	RANK	ENROLLMENT NO.	NAME	SPI
5 TH	1	086010306024	MAISURIYA DENISH A.	8.83
	1	086010306049	SHAIKH ABDULRAZAK M.	8.83
	2	086010306046	RATHOD ANKURKUMAR B.	8.50
	3	086010306050	SHAIKH MAHD.TOSIF I.	8.40
6 TH	1	086010306024	MAISURIYA DENISH A.	9.93
	2	086010306059	YADAV AMIT P.	9.69
	3	086010306049	SHAIKH ABDULRAZAK M.	9.66

BATCH - 2009

5 TH	1	096010306004	PATEL ZAHIRHUSEN I.	9.38
	2	096010306034	SHAIKH FARHIN K.	9.21
	3	096010306005	PATEL IBRAHIM I.	8.97
6 TH	1	096010306018	JADAV DIVYA I.	9.61
	2	096010306001	PARMAR BHAVESH B.	9.53
	3	096010306034	SHAIKH FARHIN K.	9.44

BATCH - 2010

4 TH	1	106010306009	VEKARIYA ASHISH V.	8.67
	2	106010306023	SHAIKH TANJIMBANU A.	8.60
	3	106010306019	CHOVATIYA RENISH D	8.33

BATCH - 2011

2 ND	1	116010306004	THUMMAR DENISH J.	8.84
	2	116010306031	BHUTEDIYA JIGARKUMAR L.	8.03
	3	116010306043	BUX ASHIYA I.	7.74

ACADEMIC REPORT

COMPUTER ENGINEERING DEPARTMENT

BATCH 2009-10

SR. NO.	SEMESTER	ENROLMENT NO.	NAME	SPI	REMARK
1	5TH SEM	096010307001	SHAIKH TASNEEM MO.HANIF	9.60	1ST
		096010307005	AGHAM NASIM ILYASBHAI	8.90	2ND
		096010307013	PATEL NIKESHKUMAR RAMESHBHAI	8.90	
		096010307017	DOBARIYA BHAVESH VRAJLAL	8.77	3RD
2	6TH SEM	096010307001	SHAIKH TASNEEM MO.HANIF	9.53	1ST
		096010307019	PATEL YAHYA IQBALBHAI	9.53	
		096010307013	PATEL NIKESHKUMAR RAMESHBHAI	9.35	2ND
		096010307017	DOBARIYA BHAVESH VRAJLAL	9.32	3RD
		096010307018	SHAIKH MO. FAIZAL BASHIR	9.32	
		096010307024	PATEL JAYDEEP MAHESHBHAI	9.32	

BATCH 2010-11

1	4TH SEM	106010307005	SHAH CHANDNI MAHENDRA	8.23	1ST
		106010307049	KHARCHIYA KARISHMABAHEEN KHUMANSINH	7.70	2ND
		106010307031	PATEL AJAYKUMAR DINESHBHAI	7.68	3RD

BATCH 2011-12

1	2ND SEM	116010307003	KAPADIYA SARFARAJ ABDURREHMAN	8.81	1ST
		116010307006	SHAH SHAHINABANU FIROZ	8.75	2ND
		116010307001	SURTI BHAVISHABEN KAMLESHBHAI	8.19	3RD

ACADEMIC REPORT

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

SR NO.	ENROLLMENT NO.	STUDENT NAME	SPI	SEMESTER	YEAR
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BATCH - 2008

1	086010311009	Jadav Akshaykumar R.	9.67	5	Dec-10
2	086010311026	Parmar Karishmaben M.	9.47	5	Dec-10
3	086010311037	Pipaliya Bhavik K.	9.33	5	Dec-10
4	086010311052	Suvagiya Nikunj Kumar J.	9.33	5	Dec-10

BATCH 2009

1	096010311002	Dasari Veena V.	9.87	5	Dec-2011/Jan-2012
2	096010311001	Shaikh Parveenbanu G.	9.73	5	Dec-2011/Jan-2012
3	096010311042	Sapariya Amisha L.	9.73	5	Dec-2011/Jan-2012
4	096010311018	Shaikh Jahid S.	9.53	5	Dec-2011/Jan-2012

1	096010311001	Shaikh Parveenbanu G.	9.8	6	May/June-2012
2	096010311017	Gohil Jenishkumar B.	9.75	6	May/June-2012
3	096010311008	Modi Vardhman S.	9.72	6	May/June-2012

BATCH - 2010

1	106010311024	Lakhani Dharmikbhai A.	8.97	4	May/June-2012
2	106010311001	Manjra Imran	8.87	4	May/June-2012
3	106010311018	Patel Swapneel S.	8.63	4	May/June-2012

BATCH - 2011

1	116010311051	Qureshi Mahadsalman M.	9.53	2	May/June-2012
2	116010311025	Rana Denishkumar V.	9	2	May/June-2012
3	116010311037	Mansur Shahrulkhan N.	8.5	2	May/June-2012

ACADEMIC REPORT

ELECTRICAL ENGINEERING DEPARTMENT

BATCH - 2008

SEMESTER	RANK	ENROLLMENT NO.	NAME	SPI / 10
5 TH	1	086010309032	PATEL JAIMIN	10
	2	086010309030	PATEL HIMANSHU D.	9.83
	3	086010309023 086010309041	PARMAR HIREN RATHOD SIDDHARTH	9.8 9.8
6 TH	1	086010309041 086010309049	RATHOD SIDDHARTH SHAIKH MO. IRFAN M.	10 10
	2	086010309032 086010309023	PATEL JAIMIN PARMAR HIREN	9.8 9.8
	3	086010309042	RAVI SINGH JAYWANT SINGH	9.6

BATCH - 2009

5 TH	1	096010309003	YADAV PRADIP R	10
	2	096010309029	SHETA KEYUR BHARATBHAI	9.8
	3	096010309031 096010309001	VAGHELA RAGUVIRSINH SATASIYA CHETAN R.	9.6 9.6
6 TH	1	096010309006 096010309013 096010309029	ARSIWALA YUSUF ZUBER FALDU HITESH B. SHETA KEYUR BHARATBHAI	9.82 9.82 9.82
	2	096010309040	CHITTE PAYAL P	9.65
	3	096010309003 096010309028 096010309035	YADAV PRADIP R MATIDA HEMRAJ J PATEL DHAVAL G	9.53 9.53 9.53

BATCH - 2010

4 TH	1	106010309001	VANSIYA MAMTA R	9.67
	2	106010309025	DIWAN AARZUBANU G	9.03
	3	106010309027	KAYASTH RAHUL V	8.97

BATCH - 2011

2 ND	1	116010309019	RANA RAJDIPSINH	9.18
	2	116010309032	MAKWANA MITESH K	9.07
	3	116010309005	MATRUJA MAYANK J.	9.00

ACADEMIC REPORT

MECHANICAL ENGINEERING DEPARTMENT

BATCH - 2008

SR. NO.	ENROLLMENT NO.	NAME OF STUDENTS	S.P.I.	SEM
1	086010319043	Pathan Abrarkhan N.	9.50	6 th
2	086010319044	Pathan Shahrukh M.	9.50	6 th
3	086010319034	Patel Mohsin G.	9.47	6 th
4	086010319027	Parmar Vicky D.	9.40	6 th

BATCH - 2009

1	096010319014	Khilaji Sajjadhusen A.	8.73	5 th
2	096010319023	Patel Jay M.	8.70	5 th
3	096010319010	Sukla Sanket K.	8.70	5 th
4	096010319017	Amanji Suhel Y.	8.60	5 th
5	096010319011	Mistry Vibhore N.	8.60	5 th
1	096010319014	Khilaji Sajjadhusen A.	9.15	6 th
2	096010319010	Sukla Sanket K.	9.10	6 th
3	096010319017	Amanji Suhel Y.	9.02	6 th

BATCH - 2010

1	106010319029	Maurya Binay P.	9.45	4 th
2	106010319047	Patel Daxesh R.	9.24	4 th
3	106010319024	Patel Pinkesh G.	9.10	4 th

BATCH - 2011

1	116010319002	Mirza Hamza A.	9.03	2 nd
2	116010319053	Gohil Pragneshkumar B.	8.94	2 nd
3	116010319075	Vanara Ravikumar D.	8.77	2 nd

10 SANDESH : SURAT | WEDNESDAY, 13 JUNE 2012

ટ્રાફિક સમસ્યાના હલ માટે વિદ્યાર્થીઓની સુદ્રઢ યોજના

■ કોસંબાની ઢાદાભાઈ કોલેજના વિદ્યાર્થીઓએ નવી ડિઝાઈન તૈયાર કરી

સુરત, ં. ૧૨

સુરત શહેરમાં ઓફિસ અવર્સ ઢરમિયાન જ નહીં પરંતુ સમગ્ર ઢિવસ રહેતી ભારે ટ્રાફિક સમસ્યાના હલ માટે પાર્કિંગ વ્યવસ્થાને સુદ્રઢ બનાવવા માટે કોસંબાની એ.વાય.ઢાદાભાઈ કોલેજના ડિપ્લોમા ફાઈનલના વિદ્યાર્થીઓએ ફલાય ઓવરની નીચે વ્યવસ્થિત પાર્કિંગ માટેનો પ્રોજેક્ટ તૈયાર કર્યો છે. હાલમાં આડેપડપણે અપાતા પાર્કિંગ સ્કોટના બઢલામાં હાલના ઓવરબ્રિજની નીચે જ નવીન પાર્કિંગ પ્લોટ તૈયાર કરાય તો ટ્રાફિકને અડચણરૂપ થયા વિના એક સ્કોટમાં ૩૨ કાર અને ૨૫૦ ટુ વ્હીલર પાર્ક થઈ શકે એમ છે. જેના કારણે ફલાય ઓવરની નીચે ઝૂંપડપટ્ટી બની જવાનો કે કોઈના તંબુ તણાઈ જવાનો પણ ડર રહેતો નથી.

કોસંબાના ડિપ્લોમા સિવિલના ફાઈનલ ઢરના વિદ્યાર્થીઓ તારીક જાગીરઢાર, પટેલ ઝબીર, બંકા નઢીમ,

પટેલ ઉવેર, કાવિવાલા ઝેનુલ અને ગાંધી રામુલે ઢિબ્લીનેટથી અકવાનેટ સુધીના ફલાય ઓવરની નીચે મલ્ટિલેવલ પાર્કિંગની સુવિધા ડીબ્લી કરતો પ્રોજેક્ટ તૈયાર કર્યો છે. ગુજરાત ટેકનિકલ યુનિવર્સિટી ઢારા 'પાર્કિંગ પ્રોબ્લેમ ઈન સુરત' વિષય ઉપર વિદ્યાર્થીઓએ તોફિક સોબના માર્ગઢર્શન હેઠળ આ પ્રોજેક્ટ તૈયાર કર્યો છે.

પ્રોજેક્ટમાં જણાવવાયા મુજબ ફલાય ઓવરની હાઈટ ઇ મીટર છે ત્યારે એક માળ જેટલા એટલે કે, ત્રણ મીટરની હાઈટવાળું પાર્કિંગ લેયર બનાવવાય તો આસાનીથી મોટરોનો કાફલો પાર્ક થઈ શકે છે. ત્રણ મીટરની હાઈટનો સ્લેબ અને તેને બંને બાજુ સ્લોબ અપાય તો આસાનીથી વાહન પાર્ક થઈ શકે છે અને બંને બાજુથી ઉતરી પણ શકે છે અને તે પણ ચાલુ ટ્રાફિકને કોઈ અડચણ વિના આસાનીથી આ કામગીરી થઈ શકે છે. વળી કારની નીચેના લેયર ઉપર ટુ વ્હીલર પણ સમાવી શકાય તો મોટા પાયે વાહન પાર્કની સમસ્યા હલ થઈ શકે એમ છે. વિદ્યાર્થી તારીક જાગીરઢારે જણાવ્યું હતું કે, આ પાર્કિંગ પ્લોટ ઉપર પાલિકા ઓછા સમયમાં અને ઓછી રકમથી વધારે વાહનો પાર્ક કરવાની સુવિધા ડીબ્લી કરી શકે એમ છે.



સુરત શહેરમાં ઓફિસ અવર્સ ઢરમિયાન જ નહીં પરંતુ સમગ્ર ઢિવસ રહેતી ભારે ટ્રાફિક સમસ્યાના હલ માટે પાર્કિંગ વ્યવસ્થાને સુદ્રઢ બનાવવા માટે કોસંબાની એ.વાય.ઢાદાભાઈ કોલેજના ડિપ્લોમા ફાઈનલના વિદ્યાર્થીઓએ ફલાય ઓવરની નીચે વ્યવસ્થિત પાર્કિંગ માટેનો પ્રોજેક્ટ તૈયાર કર્યો છે. વિદ્યાર્થીઓએ તૈયાર કરેલું મલ્ટિલેવલ પાર્કિંગ લેમજ તાલે તૈયાર કરનાર વિદ્યાર્થીઓની ટીમ નજરે પડે છે.

INNOVATIVE PROJECTS

ઇલેક્ટ્રીકલ એન્જિનિયરિંગ ડિપ્લોમાના વિદ્યાર્થીઓએ

રેલવે ઓવર બ્રિજના વિકલ્પ તરીકે પ્લેટફોર્મ પ્રોજેક્ટ બનાવ્યો

કરજણ, તા. ૨૯

કરજણના ડિપ્લોમાં ઇલેક્ટ્રીકલ એન્જિનીયરીંગના છેલ્લા વર્ષમાં અભ્યાસ કરતા વિદ્યાર્થીઓની ટીમે રેલવે સ્ટેશનના ઓવરબ્રિજનો વિકલ્પ શોધી અનોખો પ્લેટફોર્મ પ્રોજેક્ટ તૈયાર કર્યો છે. જે અપંગો, વૃધ્ધો, સગર્ભા સ્ત્રીઓને આશીર્વાદરૂપ નીવડે એવી આશા વ્યક્ત કરવામાં આવી છે.

એ. વાય. દાદાભાઈ સરકારી પોલીટેકનીક કોસંબાના છેલ્લા વર્ષમાં અભ્યાસ કરતા ડિપ્લોમાં ઇલેક્ટ્રીકલ એન્જિનીયરીંગના વિદ્યાર્થી ટીમ લીડર સોહીલકુમાર જબીરભાઈ મલેક રહે. કરજણની વિદ્યાર્થી ટીમે અનોખો રેલવે પ્લેટફોર્મનો પ્રોજેક્ટ તૈયાર કરેલો છે. આ કટથી અપંગો, વૃધ્ધો, બિમાર દર્દીઓ, સગર્ભા સ્ત્રીઓ, નાના બાળકો, હાર્ટ- દમના પેશન્ટ જેવા શારીરિક તકલીફો પરાવતા મુસાફરો એક પ્લેટફોર્મ પરથી રેલવેના અન્ય પ્લેટફોર્મ પર જવા માટે ઘણી મુશ્કેલીઓમાંથી પસાર થવું પડે છે. રેલવે ટ્રેન આવવાના સમયે તુરંત એલાઉન્સ કરવામાં આવે છે કે, અમુક ટ્રેન પહેલા પ્લેટફોર્મને બદલે બીજા, ત્રીજા કે ચોથા પ્લેટફોર્મ પર આવશે ત્યારે તે સમયે રેલવે ઓવરબ્રિજનો



(તસવીર: સ્તુરામ ગોહિલ)

ઉપયોગ કરવાનો ઘણો જ કઠીન હોય છે અને તેમાં અપંગો અને બિમાર યાત્રાળુઓ માટે ખૂબ જ કઠીન અને તકલીફરૂપ પરિસ્થિતિ બનતાં આ સમયે અત્રેથી તૈયાર કરવામાં આવેલ પ્લેટફોર્મ પ્રોજેક્ટનો એન્જિનીયરો દ્વારા અભ્યાસ કરવામાં આવે તો આ પ્રોજેક્ટને સફળતા મળે તેમ છે.

આ પ્લેટફોર્મનો ઉપયોગ જ્યારે રેલવે ટ્રેક ખાલી હોય બંને સાઈડથી ટ્રેન આવતી ન હોય તેવા સમયે કંટ્રોલ રૂમમાંથી એલાર્મ વાગે છે.

સિગ્નલ રેડ હોય છે તે સમયે રેલવેના બંને છેડાના પ્લેટફોર્મમાંથી એક તૈયાર થયેલો રોડ બહાર આવે છે. જેથી તે રોડ પરથી મુસાફરો અવર જવર કરી શકે છે અને જ્યારે ટ્રેન આવવાની હોય તે સમયે પણ એલાર્મ વાગે છે..

સિગ્નલ બદલાઈ જાય છે અને રસ્તો પાછો પ્લેટફોર્મમાં જતો રહે છે અને રેલવે ટ્રેન માટે બંને ટ્રેક ખુલી જાય છે. આ તમામ કાર્ય એક જ માણસ કંટ્રોલરૂમમાંથી કરી શકે છે.

આ પ્રોજેક્ટના ટીમ લીડર સોહીલકુમાર અને તેમની ટીમના સભ્યો મનુભાઈ ભરવાડ, આસીબ પટેલ, જયેશ સુકાની, હીરલ દાંડીવાણએ એક બીજાની મદદ લઈ એન્જિનીયરીંગ કોલેજના હર્ષદભાઈ ગાઈડ તરીકે મદદરૂપ થઈ જરૂરી માર્ગદર્શન આપી પ્રોજેક્ટ બનાવેલ છે.

INNOVATIVE PROJECT

INOVATIVE CREATION

Irrigation Motor Control through SMS

This project is dedicating for solving farmers problems of controlling (ON/OFF) of Irrigation Motor through sending SMS by GSM mobile phone.

Most of farmers have farm at far distance. So, they must have go especially at farm, due to this transportation cost will be effectively & time will be waste.

They have also face problem of unpredictable water level & electricity. So they must be known whether it available or not.

PROJECT

By using this project:

1. We can ON-OFF the Irrigation motor by sending SMS.
2. It will inform the status it self by SMS when change in water level or electricity.
3. We can also know the status of Water level, Motor (ON-OFF) & Electricity is available or not by sending SMS.
4. Security is also providing by system. If other person will try to operate our system through SMS, system will not operate but automatically send the mobile number of unauthorized person to authorized person by SMS.

Mr. Modi Vardhaman
(Enrolment No. 096010311008)

INDUSTRY ACADEMIA MEET – 2012



A.Y. Dadabhai Technical Institute – (Polytechnic), Kosamba. Dist – Surat.



On 20th October 2012, for the first time, the big event to interact Industries of South Gujarat with Technical Institutes (Polytechnic & Engg. colleges) was organized at A.Y. Dadabhai Technical Institute, Kosamba (601) successfully.

Industrial persons majority are senior executive and H.R. were presence since morning 10:30 coming form the well known and major industries such as Piramal Glass, Birla Cellulose, Pragati Glass, ONGC (Ankleshwar), Happy Engineering, GNFC, Vishal Malleables, Moti Electromech, Sun Pharma, Hydropneumatic, GSECL Utran, Amar Electronics & may more took part positively in discussion. At the same academicians from SVNIT, SVMIT, Government Engg college Surat & Bharuch, SCET, C.K. Pithawala, KJIT Savli, Dr. S & S.S. Gandhi college Surat also present. The points of discussion were,

- a. To increase the relation with institute so that maximum students can get benefit of industrial environment.
- b. To start need base short term courses for diploma students such as PLC, SCADA, Embedded Technology, mobile applications, computer net working, and web designing with more practical aspects.
- c. Faculties of polytechnic should get industrial training.
- d. Expert lectures should be arranged by industrial persons.
- e. Some types of managerial training also given to final year diploma students.
- f. IDP/UDP base projects should be well planned and faculties should give more time rather than industries.
- g. Our polytechnic located at 'Kosamba' where there are seven larger glass industries like Piramal Glass, Pragati Glass etc require Mechanical Diploma holders with some knowledge about glass industries so a short term courses should be designed for glass related industries. At the end of discussion following conclusion comes out.
 - To appoint technical advisory committee in each branch of engineering at A.Y. Dadabhai polytechnic. In this committee 3 members from related industries and 3 members for academicians from various institutes with chairman will be principal & secretary will be head of respected departments.
 - To make planning for industrial training of staff and students well in advance. Majority industries give surtiy for training.
 - For final year projects, industrial experts will guide.
 - An industrial person frequently visits the institute.

INDUSTRY ACADEMIA MEET – 2012

There was lunch session from 1:30 to 2:30. After lunch session, it is great fortunate that honorable Vice Chancellor Dr. Akshai Aggarwal & Hiranmay Mahanta was with us.

Dr. Aggarwal welcomes by principal and the meeting with Udisha member and TPO from Bharuch – Ankleshwar Sankul, Surat Sankul and Navsari Sankul.

In the speech of Dr. Aggarwal, Dr. Aggarwal said that GTU will become one of the best Technical University in India. GTU has stated to develop near curriculum initially eight subjects are selected for which the teaching material will be developed very soon.

Dr. Aggarwal gives the example of MIT which is one of the best Technical Institute. A very good teaching material prepared by faculty members.

In his speech, Dr. Aggarwal also emphasis on 'Active Learning' at the same time on discussion. Dr. Aggarwal insist that at the time of submission of project or at the time of presentation prepared by final year students, pre-final year students should present and members from innovative Sankul and from related industry.

There was good interaction between honorable VC, industry persons and academicians. The session was ended with conclusion to interact more with industry and industry peoples also give commitment to help institutes in all the area cover today.

Mr. Hiranmay Mahanta visited the project exhibition prepared by final year students. We are very much thankful to Mr. Mahanta who took keen interest in project prepared students and give more than two hours to our students, interact with students and give valuable suggestion to students and staff which will be very much useful in future.

❖ MOMENTS OF THE MEET ❖



INDUSTRY ACADEMIA MEET – 2012

LIST OF ATTENDERS

SR. NO.	NAME	COLLEGE/INDUSTRY	DESIGNATION	SANKUL	MOBILE NO.	EMAIL ID
1	Mr. A.K.Mehta	GNFC	CM	Bharuch-Ankleshwar	9824141483	-
2	Mr. S.A.Barot	UGBPS,Uttaran	Sr. Engineer	Surat	9909939927	-
3	Mr. Hemant Fanasiya	Patel Kenwood Pvt. Ltd.	HR Manager	Bharuch-Ankleshwar	9427100003	hemantfanasiya@yahoo.com
4	Mr. Yatin Chauhan	V.I.T. Valia	TPO	Bharuch-Ankleshwar	8866210782	yatin.dd@gmail.com
5	Dr. J. R. Saini	Narmada College of Comp. App.	Director(IC)	Bharuch-Ankleshwar	9687689708	saini_expert@yahoo.com
6	Mr. N.V.Patel	Valia polytechnic college	Principal	Bharuch-Ankleshwar	9879636115	-
7	Mr. K.H.Patel	Dr. S & S.S.Ghandhy College,	HOD, Mechanical	Surat	0261-250914	khpakp@yahoo.com
8	Mr. V.K.Shah	Dr. S & S.S.Ghandhy College,	HOD, Civil Department	Surat	9428176217	vijay24583@gmail.com
9	Mr. Savankumar Dogashiya	kay pee instruments	Proprietor	Surat	9328396565	kaypeeinstruments@hotmail.com
10	Mr. R. K. Shukla	Govt. Engg College	Associate prof.	Surat	9429022403	ratheshshukla1@yahoo.com
11	Mr. R.R.Panchbariya	GBPS,Uttaran	DY.Engineer	Surat	9687662541	rr.panchbariya@gssectmail.com
12	Mr. Sabbir Ghadiali	Sarvajaniik College of Eng. & Tech.	HOD, T&P Dept.	Surat	9574749000	Shabbir.ghadiali@sct.ac.in
13	Mr. V. A. Patel	GEC,Bharuch	Assositant prof.	Bharuch-Ankleshwar	9825235244	vimalpatel107@gmail.com
14	Mr. Samir pandya	KJIT,Savli	Management	Central Zone	9825458295	info@kjit.org
15	Mr. Dipak Chitania	KJIT,Savli	Management	Central Zone	982458397	dipak_chitania_baroda@yahoo.co.in
16	Mr. Yavar Pothiwala	Saher Technologies	Proprietor	Surat	9825107816	yavarp@gmail.com
17	Dr. I.B.Dave	Dr. S & S.S.Ghandhy College,	TPO	Surat	9825559223	indravodandave@gmail.com
18	Ami Choksi	C.K.Pithawala College of Engg.	Associate Prof.	Surat	9825982160	ami.choksi@ckpceit.ac.in
19	Mr. Deepak C. Bhosale	C.K.Pithawala College of Engg.	Ass. Prof. & TPO	Surat	9925019256	tmp@ckpceit.ac.in
20	Mrunali paliwal	KJIT,Savali	TPO	Central Zone	8758676667	ipo.sopolytechnic@kjit.org
21	Mr. Sanjay joshi	Vishal Malleables Ltd.	Manager, Machine shop	Bharuch-Ankleshwar	9328540317	info@vishalmalleables.com
22	Mr. E.E.christie	Vishal Malleables Ltd.	Quality Assurance Manager	Bharuch-Ankleshwar	9328540325	info@vishalmalleables.com
23	Mr. D.B.Bhatnager	Birala Cellulosic	Sr.VP(HRM)	Bharuch-Ankleshwar	9904203102	dilip.bhatnagar@adihyabirla.com
24	Mr. Pratik Sharma	Pragati Glass Ltd	HRM	Bharuch-Ankleshwar	9909951828	hrd@pragatiglass.com
25	Mr. Lalji Yadav	Pragati Glass Ltd	President	Bharuch-Ankleshwar	9909951805	laljiyadav1@yahoo.com
26	Mr. Hetal R. mehta	Happy Engineering	BE(M)AICTE,DBM	Surat	9824173595	happyeng@yahoo.com
27	Mr. Mayank Dalal	South Guj. Productivity Council	Hon. Secretary	Surat	9825121865	mayankdalal@yahoo.co.in

INDUSTRY ACADEMIA MEET – 2012

LIST OF ATTENDERS

SR. NO.	NAME	COLLEGE/INDUSTRY	DESIGNATION	SANKUL	MOBILE NO.	EMAIL ID
28	Mr. Pankaj Trivedi	Hydro pneumatic Techniks	Proprietor	Surat	9825136807	hydropneumatic@hotmail.com
29	Mr. Mayur Kosambia	Mayur Engg. Works	Partner	Surat	9825144291	kosambia.mayur@yahoo.in
30	Mr. Rajendra Kalyani	SEVA	VP	Surat	9879887172	rajendra_kalyani@hotmail.com
31	Mr. C.S.Doshi	Moti Electomech Pvt. Ltd	Director	Surat	9327923197	info@motiswitchgear.com
32	Mr. Varghese M.D.	Moti Electomech Pvt. Ltd	R&D Manager	Surat	9377732123	varghese.7960@gmail.com
33	Mr. M. M. Korat	STBS, Surat	Udisha Coordinator	Surat	9925674607	korat.mech@yahoo.co.in
34	Mr. Rakesh Khopkar	Priramal Glass Ltd.	GM(HR)	Bharuch-Ankleshwar	9727714088	rakesh.khopkar@piramal.com
35	Mr. Sushil Gaur	Priramal Glass Ltd.	AGM Eng.	Bharuch-Ankleshwar	9825043181	sushil.gaur@piramal.com
36	Mr. Uday Atodaria	Priramal Glass Ltd.	Sr.manager,Mech	Bharuch-Ankleshwar	9825656721	uday.atodaria@piramal.com
37	Mr. H.N.Shaikh	ONGC, Ankleshwar	A.E(M)	Bharuch-Ankleshwar	026-46237541	
38	Dr. O.P.Sharma	ONGC, Ankleshwar	Dy.General Manager	Bharuch-Ankleshwar	9428333820	ops_sss@yahoo.com
39	Mr. J.M. Patel	SVMIT, Bharuch	Director	Bharuch-Ankleshwar	Bharuch-Ankleshwar	directorsvmit@hotmail.com
40	Dr.R.G. Kapadia	SVMIT, Bharuch	Principal	Bharuch-Ankleshwar	9428887225	rag260475@gmail.com
41	Mr. Vishal Joshi	Sun Pharma Ltd.	Sr. Officer P&A	Bharuch-Ankleshwar	02646-272534	vishal.joshi@sunpharma.com
42	Mr. Masud Vorajee	V3+ Web Solution	CEO	Surat	9825418719	masud@indoushosting.com
43	Mr. Nirav Patel	V3+ Web Solution	Developer	Surat	9879179174	nirav@indoushosting.com
44	Mr. Riyaz Rangoonwala	Amar Electronic Controls	Proprietor	Surat	9824059872	amarelectro@rediffmail.com
45	Mr. Riyaz Saiyad	Amar Electronic Controls	Proprietor	Surat	9824172255	riyazsaiyad03@yahoo.com
46	Mr. P.M.Patel	GP for Girls, Surat	Principal	Surat	9825022025	pankaj_pmp@rediffmail.com
47	Mr. K.N.Joshi	V.B.Polytechnic, Navsari	Udisha Coordinator	Navsari	9925105047	
48	Dr.K.N.Mistry	M.G.Inst. Of Tech.	Principal & Dean	Navsari	9737174329	dean_be_zone5@gtu.edu.in
49	Dr. A A Shaikh	SVMIT, Surat	Associate Prof.	Surat	9924916499	oas@med.svmit.ac.in
50	Dr. K P Desai	SVMIT, Surat	TPO	Surat	Surat	kpd@med.svmit.ac.in
51	Mr. kanubhai Patel	K.P. Corporation	Proprietor	Surat	9824175606	kay pee corporation@gmail.com
52	Ms. Nimisha Prankanda	Ansa Pack Pvt Ltd.	Sr. Executive, HR	Surat	9428025668	ansakshr@ansapack.com
53	Dr.S. F. Xavier	Parul Group Of Institute	Director, R&D	Vadodara	9099926579	dr.sfxavier@gmail.com
54	Mr. K.N.Joshi	V. B. Polytechnic	Udisha Coordinator	Navsari	9925105047	

WOMEN IN DEVELOPMENT CELL

Under **WID** cell a lecture of writer and editor of diamondcity magazine Mrs. Kalpanaben Gandhi was arranged on date 5th oct 2012. She has written so many books named 'Zindagi Sathe Long Drive', 'Prem Thodo Rangin Thodo Sangin' etc and many other books on social subjects.

The lecture "**ZINDAGI NE EK AVSAR TO AAPO**" was started by registration. Totally 19 ladies staff and 117 girls student have participated in this programme.

A programme "**ZINDAGI NE EK AVSAR TO AAPO**" arranged on 5th Oct, 2012

WID (Woman in development cell) of A.Y.D.T.I. is always seek to promote development of girl students and ladies staff members, development regarding internal growth, strength social development, educational development etc. The Committee seeks to promote respect for women/girls students at the workplace, educational premises, address feminist issues, identify problems of working women/girls students and try to resolve them in a well-negotiated manner. This shall be achieved by way of conducting discussions, seminars, presentations, workshops, film festivals and other activities.



whole programme is Anchored by **Ms. Shruti Bhatt**. who give the brief introduction of **WID**.

As the day start with remembrance of god we started our programme With prayer followed by Girls students.



WOMEN IN DEVELOPMENT CELL



A Warm welcome Given to Mrs. Kalpanaben Gandhi with flowers and memento by Mrs. Binta M. Patel.

Welcome of her assistance Ms. Jalpaben Kothari by Ms. Tejal c. Patel with with flowers and memento.



After completion of welcome, Principle Sir Mr. M. M. Dalchawal has given brief introduction of our institute .

Finally at 10 o'clock stage was given to Mrs Gandhi she had given a beautiful speech on relation for explanation she has used suitable quota related to the A,B,C,D
For example
A for add something, B for balance in nature,
C for communicate effectively
D for do and do not etc....



WOMEN IN DEVELOPMENT CELL



When the half session was completed at 11:30 ,there was an arrangement of breakfast for all.

At 1:00 pm lecture was completed and query session was started in which all girls have asked many question related to social, educational and other problems to Mrs.Gandhi and she had given a satisfactory answer of all Questions.



A programme was completed at 1:30 pm .

Vote of thanks was deliver to Mrs. Gandhi and Ms. Jalpaben Kothari by Mrs. B.M.Patel for kindly accept invitation and providing her valuable support for successfully completion of programme.

HEALTH ACTIVITY

There was Thalesemia camp organized on 28/03/11 at our institute. Total 314 students has appared for blood test.The health conceice event organized by red cross society & rotary club of kharach.



Thalesemia Awareness Camp

AYD IN YOUTH FESTIVAL OF GTU

AYD IN YOUTH FESTIVAL OF GTU

(ACHIEVEMENT OF A.Y.D.T.I. IN YOUTH FESTIVAL)

“Passion rebuilds the world for the YOUTH. It makes all things ALIVE and SIGNIFICANT!” quoted by Ralph Waldo Emerson was correctly experienced at the largest festival of youth, energy, dreams, passion, achievements. As each zone under GTU associates a theme with youth festival, being an integral part of Gujarat Technological University, we, at south zone, also wholeheartedly celebrated & participated in the 1st youth fest- Xitij.



GTU has organized its 1st youth festival at “Tolani F. G. Polytechnic, Adipur, Kutch” in which A. Y. Dadabhai Technical Institute, Kosamba (R. S.) has taken part with its 17 participants which proves the ability and interest of the college students in cultural activity with tremendous academic performance.

A.Y. Dadabhai Technical Institute, Kosamba (R. S.) has put entry in 10 events among them in 4 events we set the benchmark with 1st, 2nd and 3rd position.

The students of A. Y. Dadabhai Technical Institute, Kosamba (R. S.) got trophies and certificates. The winners are given below.

❖ **WINNER IN DIFFERENT EVENTS:** ❖

SR. NO.	ENROLL. NO.	DEPT.	NAME OF STUDENT	EVENT	REMARK
1	106010307038	COMPUTER	MUNSHI SHEHBAZ	ON THE SPOT PAINTING	1 st POSITION
2	NEW	ELECTRICAL	PRAJAPATI VIRAL	CARTOONING	2 nd POSITION
3	106010319036	MECHANICAL	KHER AJAYSINH P	DEBATE	3 rd POSITION
	106010319003	MECHANICAL	JOSHI PINKESH M		
4	106010319068	MECHANICAL	PATHAR VIMAL A	SKIT	3 rd POSITION
	106010319037	MECHANICAL	USDADIYA BHAUTIK		
	106010319024	MECHANICAL	PATEL PINKESH		
	106010319040	MECHANICAL	CHOVATIYA DIVYESH		
	106010319067	MECHANICAL	GAJJAR ASHISH		
	NEW	MECHANICAL	CHAUDHARI DEVARSHI		

Overall tour of A. Y. Dadabhai Technical Institute, Kosamba (R. S.) was successful and in future we will put higher benchmark in history of academic.

TECH TASK - 2012



**A.Y. Dadabhai Technical Institute – (Polytechnic),
Kosamba. Dist – Surat.**

COMPUTER ENGINEERING DEPARTMENT



“Tech Task-2012” is the first technical event organized by computer engineering department on dated 28th September 2012 in the academic year 2012. There was three different competition arranged under the slogan of **“REVEALS INTELLIGENCE”**. Our aim is to sharpen the technical knowledge and improve ability of the students.

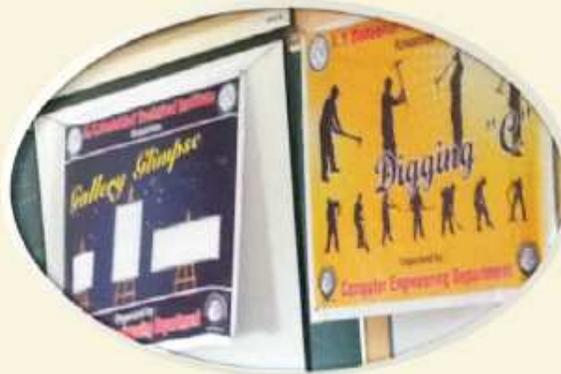


1. Digging “C”

“C” is a basic middle level programming language in Computer engineering. Many of recently developed programming languages use the concepts of “C” language. In sort we arranged “Digging ‘C’” competition for improve the knowledge about “C” language. There were 30 multiple choice questions regarding to “C” language must be complete in one hour in this test.

2. Gallery Glimpse (Poster Presentation)

Especially in computer field, day by day new inventions are done. Our aim of paper presentation was to improve knowledge about the new product or technology in the market. In this competition, students presented their paper presentation on different topics



3. “GK + Aptitude” Test

All the companies conduct general knowledge and aptitude test before hiring the freshers. Our aim was to prepare students for face this type of tests and improve general knowledge and aptitude. There were 30 multiple choice questions including mathematical and logical questions must be complete in one hour in this test.

COMMUNITY POLYTECHNIC

The community polytechnic scheme was implemented in the year 1986. The scheme is sponsored by MHRD, Govt. of India, for the integral development of rural areas utilizing the facilities and expertise of the college.

The main aim of community polytechnic scheme is the development of the rural population. Especially the younger generation who could not complete their school education and having no idea about framing their life. Along with other activities such as Transfer of Technology, Support Service, the AYD gives much importance to Man Power Development Programmes.

We are running as an extension center under Govt. Girls Polytechnic, Surat.

STAFF DETAILS

1. **Principal (Chief-Coordinator)** Mr. M.M.DALCHAWAL

2. **Internal Coordinator** Mr. P.J.SURTI

3. **Head of Department**

- 1) Mr.P.A.PATEL (Head of Civil Dept)
- 2) Mrs. S.S MULTANI (Head of Comp. Dept)
- 3) Mr. S.M.KUKANA (Head of E&C. Dept)
- 4) Mr. M.S.DINATH (Head of Electrical Dept)
- 5) Mr. P.J.SURTI (Head of Mechanical Dept)
- 6) Mr. S.A KAPADIA (Workshop Superintendent)
- 7) Mr. D.G.KALATHIA (T.P.O.)

4. **Trainer-** 1) Mr. J M Solanki

2) Mr. M F Desai

3) Mr. D.R.Patel

4) Mr. H.N. Desai

5. **Storekeeper / Helper** Mr. Ranjeet Chaudhary

1) Mr. Shankar Vasava

VALIDATION PROGRAM



Certificate distribution program for short term courses

COURSE DETAILS

Sr. no	Name of ExtensionCenter/MainCenter	Name of Trade	Duration	PersonsTrained		TOTAL
				TERM-1	TERM-2	
1	A.Y.DADABHAI TECHNICAL INSTITUTE, KOSAMBA. DIST. SURAT	TURNER	3 Months	16	11	27
2		WELDER	3 Months	14	07	21
3		FITTER	6 Months	-	20	20
4		ELECTRICIAN	3 Months	16	17	33
Total No Trained Persons						101

WORKSHOP

INSTITUTE ORGANIZED

Work Shop On Surveying & Mapping
using Total Station 21st to 24th Oct. 2010

Last Date for Application :16TH OCT, 2010

Confirmation of Participation;18THOct, 2010

Send Completed Registration Form to:
Mr. P.A.Patel
E-mail : pranav_hesch@yahoo.com
Mobile : 090999 86592

Civil Engineering Department
A. Y. DADABHAI TECHNICAL INSTITUTE
Kosamba - Mahuvej Road,
B/H Old Mariyambai Hospital,
Kosamba - 394 120
Dist. Surat , State - Gujarat.

Ph. No.- (02629) 235951-235952
Fax No. - (02629) 235955

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

Govt. of Gujarat



CEPT, Ahemdabad
Anchor Institute for Infrastructure
B.V.M. Engg. College
Nodal centre for Training Programes for
Infrastructure Sector (Civil Engineering)

WORKSHOP ON Surveying & Mapping using Total Station 22nd to 24th Oct. 2010

HOST



V.B.T.
Polytechnic,
Umrah

VENUE



A.Y. Dadabhai
Technical Institute,
Kosamba

Co-ordinators

1. Mr. M. M. Dalchawal
2. Mr. V. B. Pathak
3. Mr. P. A. Patel

WORKSHOP

INSTITUTE ORGANIZED 2 DAY WORKSHOP ON
Mobile Application Development Using Android
in association with "Gujarat Technological University"



GUJARAT TECHNOLOGICAL UNIVERSITY
In ASSOCIATION with
A.Y.DADABHAI TECHNICAL INSTITUTE, KOSAMBA
organizing
2 DAY WORKSHOP
Mobile Application Development
Using Android (14-15 APRIL)



Features of Android covered :

- Activity, Service, Broadcast Receiver
- SQLite, Email/SMS, Location
- XML/JSON & Web Services
- Contacts Content Provider
- Targeting Multiple Screen Resolutions

M. M. Dalchawal
Principal

J. M. Barad
(M) 98255 74926
Co-ordinators

TRAINING PARTNER
Trust our **EXPERIENCE** to expand your **KNOWLEDGE**



MICROSOFT TECHNOLOGY ASSOCIATE (MTA)

Microsoft Learning

Microsoft
Technology Associate

ABOUT MTA

MTA is a entry level certification that provides fundamental of technology knowledge to candidate to build a career through Microsoft technologies.



WHY MTA

In today's competitive world candidate should have some advantage over other competitor for better career opportunities.MTA provides the same to establish a foundation of a successful IT career in low cost and least time.

ELIGIBILITY CRITERIA

Minimum 10th pass with basic idea about computer technology.

PATH FROM MTA TO IT JOBS

Using 12 different Certification offered by MTA one can build career as IT professional. All the courses are defined based on career tracks

LIST OF CERTIFICATION

- | | |
|----------------------------|------------------------------------|
| 1. Software Development | 7. Web Development |
| 2. Database Administrator | 8. Net Fundamentals |
| 3. Os Fundamentals | 9. Server Administration |
| 4. Networking Fundamentals | 10. Mobile Development |
| 5. Security Fundamentals | 11. Game Development |
| 6. Windows Development | 12. Html 5 Application Development |

Above courses allows candidate to explore a variety of career options in technology with reasonable investment of time and effort.

**At a time candidate can appear for one course only

** Minimum 10 students should be there to start any course

Beginner



MICROSOFT TECHNOLOGY ASSOCIATE (MTA)



Successful IT Professional

WHAT WE OFFER

Facilities provided at our center for MTA CERTIFICATION

- Exam center to conduct online exam
- Education provided by expert lecturers
- Well furnished lab with internet facility
- Individual computer for each candidate
- Microsoft certification for successful exam



****For schedule and other query contact co-ordinator.**

:: Exam Center At ::

Department of Computer Engineering
A.Y.Dadabhai Technical Institute
Kosamba Mahuvej Road,
Kosamba(R.S.) Surat-394120

CO-ORDINATOR

Mr. J. M. Barad
(M) 98255 74926

PRINCIPAL

M. M. Dalchawal

PHOTOS CLICK BY STUDENTS

