



# THE Gardi TIMES

time to step ahead...

Published Date : 10th of Every Month

Year : 1 | Issue : 7 | Dt. 10-9-2013 | Page : 8

Language : ENGLISH

**R PROUD**

## Independence Day Celebration @ Gardi Vidyapith



On 15th August 2013, B.H. Gardi College of Engineering and Technology observed the 67th Indian Independence Day, to commemorate the nation's independence from British rule. This day is etched out in the minds and hearts of all Indians.

Independence Day of any country is a moment of pride and glory. On this special occasion, rich tributes are paid to the freedom fighters like Mahatma Gandhi, Jawaharlal Nehru, Bhagat Singh, Sarojini Naidu amongst others, who fought selflessly for the freedom of our country, sacrificed their lives to free their motherland from the clutches of the

oppressors - British. One such national real life hero is **AIR COMMODOR S. S. Tyagi VM (Retd.)** who was the guest of honour.

He joined the Indian Air Force in 1963 and retired in December 1996, after 33.5 years of dedicated service to the Nation. He has been awarded VAYU SENA MEDAL by the President of India, GOLDEN PLAQUE by the Chief of Air Staff, SILVER PLAQUE by the Chief Minister of Gujarat. He has been felicitated by the Prime Minister and commended twice by the Chief of Air Staff. Along with being a life member of Indian National Trust for Art and Cultural Heritage (INTACH), Institute of Defence and Strategic Analysis and All Indian



Management Association, he has created a record of maximum Flying Hours in the WORLD on the MiG - 21 Aircraft.

It was really a matter of honour and pride

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**OPINION**

Like all Indians "I'm PROUD OF INDEPENDENCE DAY". Every year, I look for a reason to celebrate. All the times it's more difficult to find one. I guess it's not because there's anything wrong with idea of Independent India. What's wrong is the way we are looking for it, in the entire wrong place. I think there's a good reason for this. Our idea of India is becoming modern for 66 years by all the corrupt/wrong people. The task has always been hijacked by a tiny minority who has ensured that whatever happens they stay in power. For that is where the loot is.

## India @ 67th Birth Day... Cheers for Freedom?

I think the rest of real India, the people who make the nation to work have not yet found a way out to stop the terrorism nor they tried to stop gangsters ruling the modern India . We have reached a stage where most people have given up hope of seeing real change in their lifetime stamp. These days all the news speak only about rackets of politicians, bureaucrats, businessmen, etc. Even police officers are caught committing the most shameful crimes, and they are the ones who run the whole system. They know who to beat and how to.

Yet looking at it and facing all this, India still keeps going with strong thoughts. It keeps going because faceless millions work hard in a unity with a grace to keep our hopes alive and India exists because we all refuse to allow this great nation to fall apart. So, on every Independence Day, let your heart swell with pride, ignore any despair, stand up for national anthem and feel the lump in your throat. Be proud to be an Indian. As I feel it so.

**Vande Mataram...**

- Umesh Tank

Student, Dept. of Journalism & Mass Communication

## CAMPUS BUZZ!

### Seminar for Asme Awareness

American Society of Mechanical Engineers (ASME) Student section of the B H Gardi College of Engg & Tech organized a seminar on "Introduction to ASME" at VVP Engineering College.

Following the guidelines provided by Prof. S.B. Jadeja, Secretary - ASME India Section, students of ASME BHGCET, visited VVP Engineering College, Rajkot to create awareness about ASME and its various activities. A brief introduction was given to the students and an approach to motivate the students of VVP, to start the ASME Student section in their college, was made by the team.

Details regarding ASME, its activities all

over the world, its student section as well as its structure, were given to the students. They were also shown some presentations and were made aware about some important events like HPVC, SPDC, SDC and many more.

ASME is a not-for-profit membership organization that enables collaboration, knowledge sharing, career enrichment, and skills development across all engineering disciplines, toward a goal of helping the global engineering community develop solutions to benefit lives and livelihoods. Founded in 1880 by a small group of leading industrialists, ASME has grown through the decades to include more than 130,000 members in



158 countries. Thirty-thousand of these members are students.

All the queries and questionnaires of students were satisfactorily solved by Prof. S.B. Jadeja and all the students were very keen and interested to be a part of ASME.

### Workshop on "Long Hours of Coding in MATLAB"

A workshop titled "Long hours of coding in MATLAB" was organized by the EC Department to enhance the ability of students in MATLAB programming. The Aim of the workshop was to help students, in developing various logics using the MATLAB software and also become helpful for obtaining Industry Defined Projects (IDPs) in the field of Digital Signal Processing in their final year of Engineering.

Total 50 students actively participated in this workshop. Students were assigned 16 different tasks based on Image Processing, Speech Processing & Sound Signal Processing. Students had to develop their logic and implement these

tasks in MATLAB. Since Digital Signal Processing is one of the rapidly growing fields in the world, this workshop focused on carrying out various tasks related to this field.

Most of these tasks were based on Image Processing like creating an Identity image, Negative image, Conversion from RGB image to Grayscale image with and without using functions, Smoothing & Sharpening the image using low pass filter, Resizing the images into different resolutions etc. Some of the tasks were also based on Sound Signal processing like Speed variations in the sound, Generation of various echo signals, writing a MATLAB code to make a ring



tone etc.

Students mentioned that they expect the Department to conduct more such workshops in future. Entire workshop was coordinated by faculty Coordinators Prof. S. B. Bhatt and Prof. J. G. Jadeja, and it was organized on 9th August, 2013 for full day from 8:30 AM to 5:00 PM.

### 5 Day Workshop on "PCB Designing & Soldering Practice"

Electrical Engineering (E.E.) Department of B.H.G.C.E.T. had organized a Five day workshop on "PCB Designing and Soldering Practice" for their students of 3rd Semester. The workshop was aimed to teach the students about the PCB Software Altium & Soldering Practice on PCB so they can utilize the same to enhance their skills. Total 20 students participated in this workshop.

On the First day, brief introduction was given to the students about the PCB, Soldering equipments and Altium software, which they had to use for PCB

designing practice during the workshop. Students practiced the Soldering operation on the first as well as on the second day. Last three days schedule consisted of working on the Altium software in the computer lab. Students made some small project layouts on the Altium Software.

The workshop was initiated with a speech on the importance of PCB Designing and Soldering by Prof. Akash T. Davda (Head, E.E. Dept.). He emphasized that the PCB designing and Soldering practice is important for making projects and plays a vital role in the field of electrical

engineering. For building final year projects, its beneficial if students have the knowledge of Soldering and PCB designing software.

The workshop was efficiently carried out by Prof. Anish Vora from E.E. Dept. during 29th July to 2nd August 2013. At the end of the workshop, students shared with each other their experiences. Students were optimistic that the outcome will help them in future for making final year projects. Prof. Davda concluded the workshop with a motivational & inspirational speech.

## CAMPUS BUZZ!

### Seminar on 'Entrepreneurship Development'

Recently a seminar was organized by B. H. Gardi College of Engineering and Technology on 'Entrepreneurship development'. Seminar was conducted by Mr. Nilkanth Jani, regional officer - CED (Centre For Entrepreneurship Development) - Rajkot.

In this seminar Mr. Nikanth had explained about the Entrepreneurship: functions and the qualities.

Starting and operating a new business involve considerable risk and effort to overcome the inertia against creating something new. In creating and growing a new venture, the entrepreneur assumes the responsibility and risk for its development and survival and enjoys the corresponding rewards.

The role of the entrepreneur has evolved over the time as the world's economic structure has become more complex. Risk taking attitude, innovative approach and creation of wealth are main criteria of any individual entrepreneur.

In general, Entrepreneurship is the process of creating new venture with value by devoting time and effort;

assuming the accompanying financial, psychological and social risks; and receiving the resultant rewards of monetary, personal satisfaction and independence.

**The main Objectives of the seminar were,**

- Taking Entrepreneurship as a Career.
- Various programmes related to CED to encourage the freshers like HRD etc.
- Define and know the Meaning of the terms Entrepreneur, Entrepreneurship and Enterprise.
- Learn about the Functions performed by an Entrepreneur.
- Understand the Role of Entrepreneurship in Economic Development.

An entrepreneur frequently has to wear many hats. He has to perceive opportunity, plan, organize resources, and oversee production, marketing, and most importantly he has to innovate and bear risk. The main functions of an entrepreneur are Innovation, Risk taking, Creativity, Organisation, etc. Also



Entrepreneur always tries to convert his failure chances in to success. An entrepreneurs behaviour operates from moderate risk.

Qualities of an Entrepreneur are Commonsense, Specialised knowledge of field, Self confidence, Ability to get thing done, Creativity, Leadership, Communication skills, Willing to take risk & accept criticism, Motivation, Determination and Positive Attitude.

The most important functions of an entrepreneur are innovation, risk and uncertainty bearing and organization building. An entrepreneur usually has to perform all the functions of production, marketing, finance, human relations etc. especially at the time of start-up and establishing an enterprise.

### Career Counseling Program 2013

An event called "Career Counseling Program - 2013" was organized by Shri P.V. Modi High School at Hemu Gadhvi Hall, Rajkot for 11th and 12th standard students. Prof. S.B. Jadeja (Executive Director, Gardi Vidyapith) was invited as a Key Speaker. He gave informative knowledge about building career in the Engineering field. He also

guided students about various branches of Engineering and how to select an appropriate branch? He also talked on How to become a Good Engineer? More than 1000 students took advantage of the program. At the end of the program, Principal of Shri P.V. Modi High School expressed his earnest gratitude to Prof. Jadeja for the enlightening talk.



### 5 Day Workshop on "PSIM Software Simulation"

Department of Electrical Engineering had recently organized a Five day workshop on PSIM Software Simulation for 3rd Semester Electrical students. PSIM is one of the commonly used software which is used to analyze the result in the field of networks, machines, drives, power electronics, power system etc. This workshop was conducted with the aim of making the students of electrical engineering conscious about different

types of Simulation software. Simulation is very much important in electrical engineering field & plays a vital role in analyzing the behavior of any electrical circuit before preparing actual hardware.

The workshop started with a discussion session about the importance of PSIM in the field of electrical engineering and followed by the theory session. Students were taught about the different tools, components & its use. Students also performed different simulations based on

dependent & independent source in DC networks, AC networks. Simulation included verification of different theorems, transients, resonance, rectifiers etc. Students also learned how to format the output waveforms and how to prepare documents based on the simulation results.

About 32 students participated in the workshop carried out by Prof. Sukant S. Sahoo & Prof. Hitesh H. Parmar of E. E. Dept. from 6th to 10th August 2013.

## CAMPUS BUZZ!

**A** workshop titled "Relay Logic Development" and having duration of 4 days was organized on by the electrical engineering department for their students. It was organized with an aim to enhance the abilities of students in PLC (Programmable logic controller) programming and also to develop their logic development skills so that they can compete in the industrial environment.

Now a day the basic need of the company is the Automation of the industry or the plant. PLC & DCS (Discrete Control System) plays an important role in Automation of any company. Relay logic is a method of controlling industrial

## Workshop on "Relay Logic Development"

electronic circuits by using relays and contacts. Students were taught Relay logic programs in the familiar language of PLC called ladder diagram. Students also performed these programs on the relay panel. Workshop learning covered the working of relay, timers and motor control. Students learned practical applications of train signal controlling, motor control, dual starter, traffic light control, etc.

First day began with the basic idea and concepts of relay. Second day covered topics related to the wiring on relay logic panel. Last two days were utilized for practical problems which students solved



by themselves. Students gained practical knowledge on developing industrial applications by this workshop.

The workshop was conducted by Ms. Asmi Ghodasara of E. E. Dept. in the starting week of August 2013.

## Concrete Mix Design (CMD) Workshop

**M**arking a historical episode for the Civil Engineering Department of BHGCET, Ambuja knowledge Centre(AKC), for the very first time, had organized a workshop on Concrete Mix Design(CMD) for 3rd semester Civil Engg. students at Rajkot on 29th July 2013.

Total 20 enthusiastic students, along with Prof. Mehul Chavda, participated in this workshop which spanned for 2 days. On the first day Mr. Chandran and Mr. Shuketu from AKC explained the necessity and importance of Concrete in the present scenario. Mr. Chandran explained all the basic terminologies of

Concrete. Students practically performed Sieve analysis and understood the importance of concrete mix design. A Quiz competition was also organized within the groups of students.

On second day AKC officials explained how to calculate different proportions in concrete mix design with one example. After lunch question answer session was organized and students were also given a group exercise to calculate a concrete mix design. At the end of the day students gave one test which was based on the two days' interaction and the performance of the students was satisfactory. Students also visited the site at Neel's City Club,



University road, Rajkot to carry out the slum test and casting of concrete design. It was carried out in various groups. AKC Rajkot appreciated the enthusiasm of students and their interaction during these two days.

## Fluid Mechanics (FM) Workshop

**T**he Civil Engineering Department of BHGCET had successfully organised a Five day workshop on the Basics of "FLUID MECHANICS" subject in the first week of August 2013. Twenty students participated enthusiastically in the FM workshop. Prof. V. K. Mehta from Mechanical Engg. Dept. conducted the workshop for Civil Engg. students.

First day covered the necessity and importance of fluid mechanics subject in real life. Focus was made on the practical applications in evaporation process, all machineries like as JCB, Hydraulic brakes, Lifts, Press, Dams, Canals, Blood circulation etc. On second day various practical issues were discussed.

### These included questions like

- "The Shape of a bubble is Spherical,

Why it is not rectangular?"

- "Insects can easily walk on the water surface while man can't. Why?"
- "Why Evaporation process is fast in summer as compared to winter?"

On the third day Prof. Mehta gave the tips to students on how to solve the examples in an easy way and conducted a discussion about the basic properties and principles of fluid mechanics and its applications.

On the fourth day, a practical session was carried out, which included the applications of fluid mechanics in civil engineering and mechanical engineering fields like Shape of gates used in Dams & Canals, Losses in pipe lines, Turbines and Nozzle applications, etc.

Students also performed practical on



turbine test rigs and different types of sections used in piping and got the knowledge of which type of nozzle should be selected to increase the pressure and velocity. They also learnt how to reduce the losses in pipe lines etc.

On the last day a practical examples solving session was conducted which covered the practical application of FM subject in civil application like gates used in dams, usage of Manometers etc.

## CAMPUS BUZZ!

**M**CA Department, B. H. Gardi College of Engineering & Technology (BHGCET), effectively organized a "Two Day Workshop on Mobile Apps Development Using Android" on 10th August 2013 for all the students of Computer field. About 30 Students from various fields like MCA, BCA, B. E. Computers etc. attended the workshop. Not only Gardi Vidyapith students took advantage of attending the workshop but students also came from different colleges like Christ College, Smt. J. J. Kundalia College, Shree R. P. Bhalodia College, Smt. R. O. Patel Women's MCA College, N. J. Sonecha Management and Technical Institute (Veraval), Smt. CZM Gosrani BCA College (Jamnagar).

The workshop was inaugurated by Prof. Sunil Bajaja, Vice-Chairman of CSI (Computer Society of India) Rajkot Chapter, Shri D. V. Mehta, Chairman of Gardi Vidyapith, Prof. Vaibhav Gandhi, Head of MCA department, BHGCET.

Shri D. V. Mehta delivered a motivational

## Workshop on "Mobile Apps Development Using Android"

speech and envisaged a prime vision to the students about the importance of being updated in terms of Knowledge. Prof. Sunil Bajaja gave a brief idea of CSI and the benefits of the CSI membership. He also gave the details of the upcoming technical events in the nearest future.

Prof. Milan Vachhani was the Key Speaker of this workshop. He started with the main Objective of the workshop: To enhance the skills of the Android developers. He explained the basic concepts about Application development using Android and how to configure the Android development environment. The popularity of Android over other OS for mobile devices was also discussed. He shared some interesting facts about the mobile devices in India and world over, and further assured about the good scope for Android developers in the industry.

Following topics were covered by Prof. Milan on Android based development: Layers of Android, Android SDK & Development Environment, Application



development using Eclipse, Emulator, Debugging, User Interfaces, Creating Activity, Working with Views, All Layouts, Design, and Widgets, SQLite Database, Preferences, Telephonic API, etc.

Students also developed some small Android applications during practical sessions. Prof. Ashok Mandaviya also provided support during the Workshop. Students were able to do ample practice on the Exercise Application given to them and completed it successfully.

At the end in the Valedictory Function students shared their feedbacks with all and the candidates had been honoured with certificates.

## "All India Radio Station & High Power Transmission Station Industrial Visit"

**B**. H. Gardi College of Engineering & Technology (BHGCET), always believes in overall development of their students. To accomplish this aim, college arranges various types of co-curricular activities on a continuous basis. GTU has introduced Electronic Communication subject for 5th EC students, which provides theoretical knowledge about various types of Analog Modulation techniques like AM & FM. Thus, to strengthen the 5th EC students practically, EC engineering department had arranged a one-day industrial tour to visit Akashvani & Vividh Bharti radio

stations at Rajkot on August 03rd 2013.

Entire visit was planned in two sessions. Morning session was conducted at the recording studio of Akashvani. Afternoon session was conducted at High power transmitter station, Laiyara, Rajkot. During the Noon time, due to maintenance work of Equipments, students could observe Internal Structure of Each Circuits like Impedance Matching Circuit, Power Amplifier and Modulator. Rajkot station works on 102.4 MHz using FM and 810 KHz using AM.

The practical Amplitude modulation & transmission process was realized at the



High Power Transmission Station. The visit provided a unique opportunity for the students to gain an insight into a working environment related to the subject area. Whole visit was arranged and coordinated by Prof. Gaurav Joshi.

## Industrial Visit by Staff

**P**rof. Prashant Mehta, Prof. Altaf Mogal & Prof. Amit Maru from CSE/IT department visited the Software Company "Serpent Consulting Service" at Gandhinagar on 6th, August 2013, which is working on Python Technology. One of its main products is Open ERP using Python. They had a



discussion with the Serpent's experts on latest technologies that could be useful to

students in the knowledge gaining process. Professors were made aware about the trends in the Python technology and its usage in current market scenario. Current scope for employment in the field of Python Programming was also discussed.

## MANAGEMENT TIMES

**M**.H.Gardi School of Management arranged an industrial visit for students of management for their practical exposure. About 25 students and 2 faculties visited Balaji wafers factory.

Students of M.H.Gardi School of Management interacted with the HR Manager, Mr. Jay, Balaji Wafers Pvt. Ltd. There the students had an opportunity to

## Industrial Visit at Balaji Wafers Pvt. Ltd.

see the process of producing the wafers and the system of its packaging through the fully automated machines, followed by the informative presentation.

Then the students had an interaction with the Technical Director of Balaji Wafers Pvt. Ltd and he briefed the students about the history and success story of the organization. The visit lasted for 3 hours but this three hours were really fruitful and



knowledge gaining for students.

## Spiritual Workshop on "Technology of Spirituality"

**M**.H.Gardi School of Management had arranged a workshop with Ms. Aashka Jani, (Asst. Professor, Saurashtra University Pharmacy Dept.) on Technology of Spirituality and its need for students.

Almost 50 students and 2 faculties had participated in this workshop. Ms. Aashka is an Art of Living Teacher, and also a youth leader. She is doing regular workshops for creating awareness of spirituality in reputed institutes of India. She started the workshop by asking a question. She asked students' views regarding spirituality. She told the students that spirituality has a different meaning and importance in our professional life as well.

The workshop was moved further by showing the video of Technology of Spirituality by Khurshed Batliwala, who is an IIT gold medalist alumni. He gave valuable information about the ancient knowledge that prevailed in our vedic scriptures. He very well cleared the fact that by meditation and spiritual practices, we can easily achieve the ultimate goal in our life, i.e. Happiness and being useful to other people around.

After the audio visual session, students experienced the power of Yoga and Meditation by actually doing it in the session. The experience of the students was really amazing, and their perspectives towards meditation completely changed in a positive way. The peace of mind they experienced after the

meditation was inexplicable. They felt that they can manage the things better if this state of mind could prevail for a longer time.

With her concluding remarks, she mentioned that the inner growth is also as much needed as the outer appearance and bookish knowledge. She insisted the students to join other workshops of Art of Living to enhance their confidence, and improve the quality of their life.

Prof. (Dr.) Sandip Solanki, Director, MH Gardi School of Management, greeted the vote of thanks and shared his views about the role of spirituality in leading a happy and satisfying life. He congratulated and thanked the team of faculty members for successfully organizing this workshop.

## CAMPUS BUZZ!

**A**bout 40 students from 5th Semester Mechanical Engineering, BHGCET conducted a one day industry visit to SKF Bearings, Ahmadabad in the month of August 2013. SKF (Svenska Kullager Fabrikenis) is a Swedish bearing company, headquartered in Sweden & founded in 1907, which manufactures Bearings, Seals, various lubrication systems, maintenance products, and mechatronics products. Prof. Naitik Mehta accompanied the students

Students observed the processes of manufacturing various types of Bearings like Circular, Spherical, Taper, Slewing roller bearing, etc. Students also visited the company's various departments like Main ware house, Pump House, Receiving Section, Heat Treatment Plant,

## Industrial Visit to SKF Bearings, Ahmadabad

and Metallurgical Lab along with other manufacturing and assembling sections.

SKF, Ahmadabad is generally known for the manufacturing quality based Slewing bearings. Students were amazed to know that these bearings have a tolerance limit of 50 microns. Students were also made aware of the plant's requirements of 23% less power consumption and 30% less water consumption.

Students observed the main pumping station where all lubricants like cutting oil, grinding oil & other oils are stored and supplied to respective channels and machines as per the requirements. Students also had a chance to see the unique Heat Treatment Plant which is present only at two places Ahmadabad (India) and Beijing (china). It has 7 stage



roller earth furnaces. Nitrogen gas is used for nitriding in the plant, while Propane gas is used to maintain level of CO<sub>2</sub> in the furnace. Martensite and Bitensite phases are also maintained in it.

Students also viewed the Metallurgical Lab which is used to inspect various properties of bearing rings like Hardness, Toughness, etc. once the bearing is passed through the heat treatment plant.

**HIGH FLY**

**"Perfection - Follow it"**

**W**e all strive for excellence, but in the process, often overlook the obvious. Excellence is not hard to achieve, it is how we work towards it that matters.

We are never going to become great, unless we concentrate on the small. And when we start focusing on the small substance, it automatically becomes big!

There is one interesting story about a gentleman who visited an under construction temple. He saw a sculptor making an idol of God & just a few meters away, found another identical idol. Surprised, he asked sculptor, "Do you need two statue of the same idol? "No" replied the sculptor, "we only need one, but the first one was damaged at last stage."The gentleman examined the statue. No apparent damage was visible.

"Where is the damage?" he enquired."There is a scratch on the nose of the idol," replied the sculptor. As the gentleman could not spot any fault, he

asked the sculptor where the statue was installed and was told, "It will be 20 feet off the ground". The man was puzzled."Why do you have the need to make another one, when nobody would notice this minor damage from that distance?" he asked. The Sculptor looked at the gentleman, smiled and said, "God knows it and I know it".

Keep our hand on our heart and ask ourselves, "How many times have I aimed for excellence?" We always look for short cut and if we feel something can be ignored because it is hardly noticeable, we let it go.

Everyone wants to excel at what they do, but without using the ticket of hard work. The sculptor in the story above knew that his mistake was hardly noticeable, but did not go ahead with the statue because he knew he wouldn't be doing justice to the job entrusted to him.

Excellence involves detailing to the core. Why Francis Ford Coppola or Steven

Spielberg are hailed as the greatest directors of all time? Why is Amitabh Bachchan regarded as the greatest actor? Or the Tata's as India's most trusted business family? They all have one point in common. They have all delved deep into their characters and have emerged clean. They found their ultimate reward in excellence, which why they continue to be successful today. In everything they attempt, they make sure that they give their best and remain true to their virtues.

This is precisely what people in general lack. We all have the power to excel and give our best, but yet, we stop short of doing so, either because of a lack of motivation or because we don't care. After a while, the guilt no longer persists.

**"Quality means doing it right When no one is looking"**

- Henry Ford

(Courtesy from Jagdish Joshi's Book "Dare To Design Your Life")

Prepared By: Prof. Avani Patel  
Department: CSE/IT

**C Language Refresher Course**

**C** Language Refresher Course was conducted by CSE/IT Dept. for the students of 3rd Semester CSE/IT at BHGCET. The aim of the course was to make students proficient in C Language programming and make their fundamentals clear and thorough.

Following topics were covered in this course: Arrays, Strings, Structures & Unions, User Defined Functions, and Pointers. Two hour practical sessions were conducted daily for 6 days to make the students competent C language programmers. This course was

conducted by Prof. Jatin Ambasana and Prof. Nikul Virpariya of as a pre-requisite for the "File Handling workshop" to be conducted soon by the CSE-IT Dept. Students actively participated in the refresher course and satisfactorily carried out the programming practice.

Conti... from page 1 **Independence Day..**

for the audience to have such a magnetic personality, a powerhouse of inspiration and a fountain of ideas as the Chief Guest. The distinguished personalities were also present in the celebration

With his mesmerising and inspiring speech, **AIR COMMODOR S. S. Tyagi VM** won the heart of the spectators. Exhibiting his perpetual and ceaseless courage by sharing his real life memories,



he left an ever-lasting impression and became very popular amongst the pupils as well as the faculties including honourable Shree D.V. Mehta. He also answered to the questions of the students and recounted his experiences to embolden them.

The students of Gardi College of Engineering and Technology did not leave any stone unturned in expressing their spirit of patriotism through some

colourful, energetic, eye-catching and sparkling performances on patriotic songs after the flag hoisting ceremony. Along with the Flag hosting, Rank Scholarship distribution and Sports Fiesta 2013 Winner Shield distribution programme were also organised. The members of Dance & Drama Dept. and CS Dept. had put their enthusiastic efforts to make the event successful. The celebration ended with a wish to see our strong nation flourish with unity and prosperity.

**Quote of the Month**

Science investigates religion interprets. Science gives man knowledge which is power religion gives man wisdom which is control.

-Martin Luther King, Jr.



## ARTY PARTY

### CHILDHOOD

Childhood is a beautiful phase of life,  
 No tension, no strife.  
 Childhood is playing with toys and  
 dolls,  
 And going for shopping to malls,  
 To buy bat and balls.  
 Childhood is crying for chocolates  
 and cakes,  
 No matter who makes or bakes.  
 Childhood is playing with sand and  
 mud,  
 Plucking flower and its bud.  
 Childhood is running away from bees,  
 Falling, and getting injured on knees.  
 Childhood is chasing butterflies,  
 regardless of where it flies.  
 Childhood is like a shining sun,  
 With no worries and endless fun.  
 But my childhood was unique,  
 Wearing frocks and tunic.  
 So, childhood is nothing, But  
 something very amazing.  
 And it is a beautiful phase of life,  
 No tension, no strife.

- Jill Pathak

### DHARTI KI VYATHA

Unchi-Unchi imaraton ne mera  
 asitava khoya hai  
 Kya aaj bhi main vahi dharti hoon,  
 Jis par tumne boya hai  
 Nanhe paon pade jab mujh par  
 Unhe sambhala hai maine.  
 Jab tumne cheer diya mujhko  
 Tab bhi sahan kiya maine,  
 Mujhse tum ann pate ho,  
 Aur mujh par hi khoon bahate ho  
 Kyon mere upakaro ka  
 Aise mol chukate ho???

Prepared by: Prof. Pravesh Goel  
 Department: CSE/IT

## CLICK PICK

### Demoiselle Crane Bird



Scientific name: Anthropoides virgo

Gujarati Local Name : "Karkaro"

Photograph by: Shveta Pandya, Asst. Prof., EC dept, BHGCET

Location: Water body at "Chhapara" village, near B.H. Gardi College of Engg & Tech

The Demoiselle Crane, is a species of Crane found in central Eurasia, ranging from the Black Sea to Mongolia and North Eastern China. Birds from Asia, Mongolia and China spend the winter in Indian subcontinent and they live in a variety of different environments, including desert areas and numerous types of grasslands (flooded, mountain, temperate and tropical grassland) within a few hundred meters of streams or lakes. Demoiselle Cranes have to take one of the toughest migrations in the world. Ranging from late August through September, flocks of up to 400 individuals start their migratory flight toward South, reaching altitudes of 16,000-26,000 feet (4,875-7,925 meters) to cross the Himalayan mountains.

Every year, by the end of winter, the water body in "Chhapara" village is covered with lots of reverberation (sound), heard as "Kurr-Kurr", by tens to hundreds of "Karkara" in the early morning and at evening too. We can observe them while travelling in Bus/vehicle on the way to or from our college in early morning or evening at the same place. Lets' Hope that they come in this winter also and resound this land again.

- by Prof. S N Pandya, AP, EC Dept, BHGCET.

### Student's Achivement

**M**s. Sweta Khakhar, student of Computer Science & Engineering Department is working as Radio Jockey in online Radio Masala. She had been invited at Sardar Vallabhbai Patel Swimming Pool for live commentary on swimming competition

organized by Royal Education and Charitable Foundation. She broadcasted this show on the Radio Masala and was rewarded with a Silver Coin. Website of Radio Masala is: [www.radio-masala.com](http://www.radio-masala.com).

