



THE Gardi TIMES

time to step ahead...

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MEGA EVENT

Recently Mr. Tushar Gandhi, the great grandson of Mahatma Gandhi visited Gardi Vidyapith. He was impressed by observing the activities under taken by Gardi Vidyapith. He shared the experiences of his father and his grand father's relationship with Mahatma Gandhi. Experiences that he shared were inspiring and helped students understand the deeper and



wider meaning of Mahatma Gandhi's life. He expressed his views and ideology about Gandhiji and also answered questions raised by the students.

Significant highlights of his interaction with students are as follows:

He believes that anyone can be Mahatma.

- Satyagrah is one of the most powerful weapons to resolve the universal problems.

Everybody has the potential to become Mahatma -Tushar Gandhi @ Gardi vidyapith



- Ahinsha (Non violence) is the biggest thought to heal the world.
- Today's education system creates ego then knowledge.
- Today's politicians believe themselves to be super powers and above the laws, rules and regulations!
- Child labour is impelling for poor families, also laws are not strictly implied.
- To choose prime ministerial candidate he advised the students to vote as their heart says...



In one of his books called "Lets kill Gandhi" he has mentioned that we should destroy all the statues of Mahatma Gandhi, because he lives within all of us by his Karm and his thoughts.

Rural management is required to develop rural - business potential. Tushar Gandhi believes that it is the only way to make the Indian economy strong.



At the function chairman Shree D. V. Mehta gave a speech and acknowledged that Mr. Tushar Gandhi is a wonderful personality, sure, confident and prompt. He can really spread the Gandhian thoughts to the world.

As a token of love a memento, specially designed and crafted by the students, was given to Mr. Tushar Gandhi.

*Reported by Rajkumar
Head, Dept of Journalism & Mass communication*

Industry Interaction

It is seen that organized retailing is emerging so fast in India because of new government policies. This will create a huge potential scope for employment generation for MBA students across the country. So, learning the technical know-how of organized retailing is very necessary for MBA students.

When India is standing on the verge of implementing new FDI policy in retail, M.H. Gardi School of Management took an opportunity to look into the retail field

Special interaction session on Organized Retail

by organizing an expert session on 14th Sept. 2013 with Mr. Randeep Vala, who is a retail expert and having a vast corporate exposure. He is working as Store Head with Croma Retail, which is one of the biggest electronics mega store chain run by TATA Group. He has been with the retail sector for more than five years. Almost 50 students and 3 faculties participated in this session.

The session was initiated by Dr. Sandip Solanki, Director, MBA Dept by asking

students about their knowledge of retailing. The whole session was interactive, where students shot interesting questions to the retail expert, Mr. Randeep. He answered them all and satisfied the curiosity of students regarding the modern format retailing. In fact, the curiosity of the students was increasing with each answer.

Modern format mega stores like Big Bazaar and D-Mart give huge discounts

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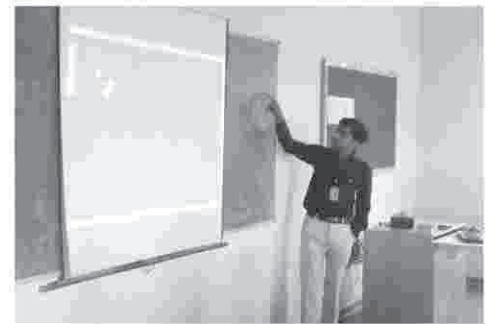
"Durga (Devi) is synonymous with Shakti or the Divine Power that manifests, sustains and transforms the universe as the one unifying Force of Existence. ... Shakti is the very possibility of the Absolute's appearing as many, of God's causing this universe. God creates this world through Srishti-Shakti (creative power), preserves through Sthiti-Shakti (preservative power), and destroys through Samhara-Shakti (destructive power). Shakti and Shakta are one; the power and the one who possesses the power cannot be separated; God and Shakti are like fire and heat of fire." - Swami Sivananda

CAMPUS BUZZ!

Department of MCA, B. H. Gardi College of Engg. & Technology, had recently organized a 2 day workshop on "Basics of Linux & Shell Programming". It was arranged for the MCA 3rd Sem students (Lateral Entry candidates) by Prof. Milan B. Kadivar, Assistant Professor, MCA Dept, BHGCET. Prof. Vaibhav Gandhi, Head, MCA Detp., briefed the students about the Workshop and created awareness about Operating

2 Day Workshop on "Basics of Linux and Shell programming"

Systems as well as importance of Linux Operating System as compared to Windows. He also talked about the objectives of this workshop. Prof. Milan Kadivar delivered knowledge of Basic fundamentals of Linux for 3 days and also explained how to perform shell programming using vi editor. He also explained basic linux commands and how to do efficient shell programming. On each day of the workshop two sessions were conducted: Theory session and



Practical Session. The Workshop was attended by more than 40 participants.

3 Day Hands-On Workshop on "8051 Microcontroller & Interfacing Using C"

As per Departmental goal to make students industry ready, they must be skilled in the tools and languages used in the industries. To be compatible with current industry trends students must have keen knowledge of Microcontroller as well as different hardware device to be interfaced with. So to nourish the ambitions of the students of in the field of microcontroller as well as embedded system, EC department had organized a 3-day hands-on workshop on "8051 microcontroller & Interfacing using C" for the students of 5th Semester EC during the first week of September, 2013. The workshop was conducted by the Prof. Ashish Mehta and Prof. Jaydevsinh Jadeja who are experts in the field of Microcontroller with the assistance of Prof. Prashant Dadhaniya and Prof.

Shivrajsinh Zala along with the help of other Teachers of EC department.

The agenda of this workshop were: Introduction to microcontroller & embedded C, Application areas of microcontroller, Introduction about various peripheral devices, interfacing of this devices with 8051 microcontroller, building a small application using this peripheral devices like Temperature sensor, Stop watch, calculator, visitor counter etc.

During this workshop students were encouraged to work on 8051 microcontroller board as well as the software tool namely "PROTEUS", which is simulation software. As a part of this workshop, students got the fundamental knowledge of C language which has been



a very useful tool in the field of embedded system as well as some fundamental knowledge about the interfacing various devices with 8051 microcontroller. In this process students have shown their enthusiasm by doing the hands on interfacing with several devices like LED, Switches, 7-segment display, Hex keypad, ADC with temperature sensor, LCD etc.

EC Dept's Live Demonstration on "Electromagnetics & Its Applications"

The students of 5th EC are studying the subject of "Engineering Electromagnetics" as a part of their curriculum. The students & most of the teachers believe that the subject is purely theoretical. To show the practical importance of the EM field theory & its applications in wide range of fields, Prof. Manish Patel, subject teacher, had organized a live demonstration on "Electromagnetics & Its Applications" for one full day of 13th September, 2013. The event was assisted by their highly talented Lab Asst. Mr. Paras Raval, student coordinator Mr. Hardik Chovatiya & other student volunteers from 5th EC.

In the early half, students came across very exciting and knowledge-worthy

videos and presentations like electricity & magnetism, lightning, Hall effect, dielectric constant & breakdown, EMI & EMC, DC motor principle, Electromagnet, lightning, Bing Bang experiment by CERN lab, superconductors, magnetic locking & levitation, maglev, microwave & its applications like oven, etc.

In the later half, following live-demonstrations were performed:

- Hall Effect & Its Applications, Barlow's Wheel
- Dielectric Strength Measurement, Simple DC Motor
- Faraday's Experiment, Orsted's Experiment
- Equipotential Surface Plotter, Electromagnet



- E Field Sensor, Lux Meter (E Due To Point & Line Charge Distributions)
- Maglev, Corona Discharge around High Voltage Lines

During the whole day students got a rare opportunity to practically understand various important theory concepts of electromagnetic field and the applications of the same.

CAMPUS BUZZ!

A 2 Day workshop on Applications of Digital Signal Processing was organized to explore the various applications of DSP and how students can develop various applications using various software based tools like MATLAB, CODE COMPOSER STUDIO, CONTROL SUIT, PROTEUS etc. It was conducted by the professionals Mr. Pratik Parmar from Smart Logic Inc, Gandhinagar and Mr. Bhavin Bakhtariya & Mr. Keyur Acharya from AMTECH Electronics (India) Ltd.

1st Day of the Workshop was conducted by Experts from the Smart Logic firm. They explored how system's camera can be interfaced with MATLAB using various commands, how to change the format of the image from YCBCR to RGB, how future processing on image can be done for good results. They also explored applications on "Gesture Recognition" with the example of small ball. Based on gesture recognition various applications like how snapshots can be taken, how mouse pointer can be controlled, how VLC media player can be controlled were

2 Day Workshop on Applications of Digital Signal Processing (DSP)

effectively performed by students. Based on various applications demonstrated, students could send data to the serial port and control the movement of Robots also.

2nd day of the workshop was conducted by R & D Engineers from AMTECH Electronics (India) Ltd. In the first session they explored various applications of DSP in Power electronics field like Active harmonic filter(AHF), energy control for controlling UPS & Solar Inverter, Motor control for single / three Phase Induction Motor, Constant Speed control, Wind power where propeller are running at various frequencies etc. They briefed the students about the projects they are currently handling like digitally controlled power supply and Active harmonic filter etc. Most of the applications require generation of PWM waveform. They demonstrated the utilizations of piccolo series DSP processor and how its functionality differs from other high end controllers & what kind of benefits in terms of speedy operations we can get from it. They informed that DSP processors from Texas Instruments are highly utilized in



industries. In the second session, students were demonstrated about the utilization of various tools like code composer studio v5, control suit and Proteus 7.10. They were assigned different tasks based on how PWM signal is generated using different duty cycle and how it is given to the different pins of DSP Processor and we can check the output of the DSP Processor in Proteus.

Entire workshop was coordinated by faculty Coordinators Prof. S.B. Bhatt & Prof. J.U. Raiyani. Students were highly satisfied with the workshop conducted by experts of both the organizations and they are expecting more such workshops from the EC department.

E-Foundry Certificate Training Programme organized at BHGCET, Rajkot

As a part of the National Knowledge Network mission, a series of E-Foundry Certificate Training Programmes for engineering and polytechnic teachers are being organized in institutes across the country in collaboration with IIT Bombay. The Department of Mechanical Engineering, B H Gardi College of Engineering & Technology (BHGCET), recently organized such a programme on September 21, 2013 in the BHGCET campus. Forty Seven faculty members of Mechanical, Materials and Production Engineering discipline from over twenty five institutes in Rajkot, Bhavnagar, Junagadh, Bharuch, Bhuj and other places attended the programme. The programme was inaugurated in the presence of Dr. B. Ravi (Institute Chair Professor), IIT Bombay; Mr. D. V. Mehta (Chairman - BHGCET); Mr. Jignesh Patel (Chairman, IIF - Rajkot Chapter); Mr. Samir Monpara (Vice chairman, IIF - Rajkot Chapter); Prof. S B Jadeja

(Executive Director, BHGCET); Mr. Kamal Sonvani and Mr. Sarvanand Sonvani (leading entrepreneurs in Rajkot); Prof. V. H. Oza (Head, Mechanical Engineering Department); Prof. D. D. Shukla (Associate Professor, BHGCET) and Prof. Amit Sata (Associate Professor, BHGCET, and coordinator of the event).

Prof. B. Ravi provided an overview of CAD and simulation technologies to enhance the quality of castings. Dr. Mayur Sutaria (CHARUSAT, Changa), then gave a virtual tour of the online resources available in E-Foundry, including lesson videos, simulation lab, library, tutorials, and discussion hub. This was followed by a computer hands-on session of casting design and simulation practice, using AutoCAST-X software. Prof. Amit Sata discussed how the E-Foundry resources could be used by teachers to enhance their theory and lab courses, research projects, and industry interaction so as to help them in enhancing the interests and



employability of their students in the manufacturing sector, particularly those related to metal casting.

"E-Foundry Cell, BHGCET - Rajkot" was also inaugurated on 21st September by Prof. Ravi. This cell is developed jointly by BHGCET and E-Foundry Lab, IIT Bombay. Mr. D. V. Mehta (Chairman - BHGCET), Prof. S. B. Jadeja (Executive Director), Prof. V. H. Oza (HOD Mechanical Engg Dept), Office bearers of IIF (Rajkot Chapter) and faculties of Mechanical department attended the inaugural function of E-Foundry Cell.

CAMPUS BUZZ!

EC department arranges various kinds of Workshops on diligent basis to enhance students' practical & technical skills and to make them compatible for industry. The EC department, during the start of September '13, organized a "PCB Design Workshop", in which knowledge of "How the PCB Designing is done in industry?" was given to the 3rd Sem. EC students.

PCB Designing is one of most emerging field in Electronics in today's era. For the students of Electrical, Electronics, and Electronics & Communication Engineering (EC) streams, this is a good field to start their career. PCB designers are key persons in research and

3 Day Hands-On Workshop on "PCB Designing"

development (R&D), electronics production units as well as in the PCB industry.

Event was started by the informative and motivational talk to have a healthy "PCB Designing Workshop". PCB Design Software "Altium Designer Summer 09" was taught to the students. Following contents were covered: Schematic Design, Component Footprint Design, Integrated Library Design, PCB Design & Routing, Etching of PCB, etc. Mr. Jatin Mehta & Mr. Priyank Kansagara have coordinated & executed this workshop appreciably to successfully enhance students' skill level.

The aims of this workshop were to make



students capable of designing Special purpose PCB of any Electronics Project and to guide them about choosing the field for their final year projects. 8051 Development Board PCB Design has been given to the student as a post workshop assignment. Total 29 students Participated in Soldering Competition.

Workshop on "Planet of Apps"

Department of MCA, BHGCET, had recently organized a Workshop called "Planet of Apps" on 11th September, 2013. This workshop was arranged for all the students of MCA and B.E CSE/IT Dept. This workshop was delivered by an expert Mr. Parth Lalcheta. He is a Developer Evangelist and SMS App Developer at txtWeb at Intuit. He gave a wonderful introduction of a SMS application. He told that there are some areas on the globe where the Internet is not at all available and there are lot of people who do not use Internet even if it is available to them. However for some poor people the Internet charges and having a Smart Phone is not affordable, but having a simple phone is an affordable solution and it has become the most necessary equipment for common people. So these people can get information about current affairs, market details, news and lot of other things by SMS. This is the ultimate mission of txtWeb.

Moreover Mr. Parth also introduced about

"Loon", the project of Google. He then gave a following list of SMS applications and explained how to use them.

1. @www,
2. @smsgps,
3. @sos,
4. @railstat,
5. @govtjobs,
6. @wikipedia etc.

He introduced txtWeb and its platform, which can help the developers create their own SMS applications. He mentioned that there is no restriction of using any Programming Language for this type of development. He quoted that programming languages doesn't matter more now. Project developed in any language which can send a Web request, get Web response in terms of GET and POST parameters. Mr. Parth gave a demo of SMS application which included hosting on one of the free hosting providers and setting up the app on txtWeb. He had also demonstrated some



other SMS applications developed by other developers. This workshop was attended by around 250 students.

At the end, Mr. Parth explained about how to get ideas for SMS app development. He also informed students about a contest of "SMS App Creation" called "Planet of Apps" which is going to be organized at Rajkot level. Mr. Vivek, one of the team members of txtWeb, also shared his experiences with students. It was really an informational workshop and provided a new direction to students interested in developing this type of applications.

Workshop on "Basics of Java"

MCA Department of BHGCET, had organized a one day workshop on "Basics of Java" in the mid of August 2013. It was arranged for MCA 3rd Sem students (Lateral Entry candidates) and was organized by Prof. Milan K. Vachhani, Assistant Professor, MCA Dept. BHGCET.

Prof. Milan Vachhani had delivered theory sessions on the basic features of Java. He demonstrated Compilation and Execution of a Java program by writing a simple program. He also covered topics like data types, arrays, operators, concepts of if-else, switch-case, for loop, while loop, do-while loop, etc. He also covered

inheritance, use of packages, access specifiers etc. The Workshop was attended by more than 40 participants. Candidates also had to perform programming exercises in the practical sessions.

CAMPUS BUZZ!

Recently a workshop on DOT NET Technology was organized by CSE/IT Dept. of BHGCET. DOT NET is a Microsoft technology. This technology is used to develop Windows form applications and Web Applications. MS Visual Studio gives the platform to the developer to implement applications with higher flexibilities. The primary aim of this workshop was to make students aware of DOT NET & Visual Studio.

Topics covered in this workshop:

- 1) What is the Dot Net framework?
- 2) CLR, CLS, CTS
- 3) Garbage Collection
- 4) Side by Side Execution
- 5) How to create a Website, a Webpage & its Controls?

Workshop on DOT NET Technology

- 6) Client-Server Communication.
- 7) How to create Web Directory with Web Pages? (Single Side Page Concept & Code behind Concept)
- 8) How to add Controls to the Page with Events?
- 9) How to add Validation Control to the Web Pages?
- 10) How to add Database to Web Directory and also add Connectivity to the Database?
- 11) Database connectivity with ADO.NET & Data Sources

During the workshop students were also trained to use following RDBMS tools: ORACLE 10g, MS SQL Server, and Microsoft Access. Prof. Vishal M. Kothari



guided students to create web directory and to implement Website using ASP.Net & C# with query solution. Students worked with examples given to them and performed various tasks by implementing the website with different controls and database connectivity. Students were inspired to use Microsoft technology (Visual Studio IDE) for their final year Projects.

Workshop on File Handling in C

CAMPUS remains LIVE even during HOLIDAYS

Recently a workshop on the topic "FILE HANDLING IN C" was organized by CSE/IT Dept. of BHGCET for 3rd semester CSE/IT students. The aim of this workshop was to make students aware of various file related operations & functions through which they can make small & useful applications by applying simple concepts in C programming language. We frequently use files for storing information which can be processed by our programs. In order to store information permanently and retrieve it we need to use files.

Prof. Kunjal Garala & Prof. Hemal Rajyaguru, the main coordinators of the workshop, conducted this workshop

during the Holidays of Sunday and Bakri Eid. They focused on the following areas: File data Structure, File I/O, Basic I/O practice using C language programs, Explanation & demo of real applications, providing ideas to make applications.

Following topics related to the File processing were covered in this workshop:

1. Introduction & Importance of File handling
2. Practical Session on basic file operations
3. Explanation of Demo applications
4. Working of code inside Demo applications



5. Advance file handling operations.
6. Explanation of advance demo application including graphics
7. Explaining Scope for different applications.

Demo applications / Project definitions were assigned to students as an assignment after the workshop.

Mechanical Students' Visit to SPRERI

Two Students of 7th Semester Mechanical Department, Mr. Kinarkumar Patel and Mr. Ankit Ramoliya visited SPRERI (Sardar Patel Renewable Energy Research Institute at Vallabh Vidhyanagar) on 12th September, 2013. The aim for their visit was to learn about the protocols and methods to do research and testing of any new renewable energy utilizing equipments.

Students were guided by the Director of

Solar Division of SPRERI, Dr. V. Siva Reddy. Students learned standard testing methods for Flat Plate Collectors, Evacuated Tube Collectors, Fins Tube Type Collectors and Scheffler Concentrating Collectors. Furthermore, they also learned about Modern Solar Tracking system for PV cells (German Technology) and research on solar dryer which is on progress currently.

Students also shared their project work



with Dr. V. Siva Reddy and received appreciating feedback for the same.

CAMPUS BUZZ!

Workshop on the topic of "Java Database Connectivity" (JDBC) was organized by CSE/IT Dept. of BHGCET for the students of 7th Sem. CSE/IT. The main aim of this workshop was to make students proficient in the use of database connectivity solutions for any Relational Database management system (RDBMS). Sincere efforts were taken by Prof. Hemal Rajyaguru and Prof. Prashant Mehta to make the students aware about the latest trends in the use of JDBC (an open source technology) in the Software industry. Both of them aimed to make the workshop totally career and job-oriented, in which, they achieved success by active participation of students. Students had hands-on practice of different RDBMS tools and they performed Java Database connectivity with various databases like Oracle, MySQL, IBM's DB2, PostgreSQL and Microsoft Access among others.

Topics covered during the workshop were:

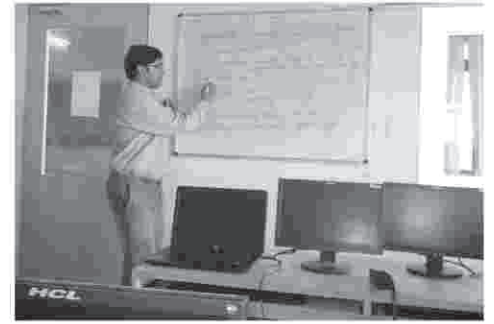
1. Introduction & Importance of JDBC
2. Practical Sessions on
 - a. Microsoft Access database Connectivity

Workshop on JDBC

@ Gardi Vidyapith, CAMPUS remains LIVE even during HOLIDAYS

- b. Different database operations with Oracle 10g
 - c. Oracle 10g Connectivity through ODBC bridge
 - d. different database operations with DB2
 - e. DB2 Connectivity through ODBC bridge
 - f. different database operations with POSTGRESQL
 - g. POSTGRESQL Connectivity through ODBC bridge
 - h. Image, File storing & accessing through MySQL Database
 - i. Oracle 10g Connectivity without ODBC bridge & through Type-4 Driver
 - j. POSTGRESQL Connectivity without ODBC bridge & through Type-4 Driver
3. Installation of Oracle 10g server, DB2 server and POSTGRESQL server.
 4. Importance of Type-4 Driver in JDBC Connectivity

JDBC is a Java-based data access technology (Java Standard Edition platform) from Oracle Corporation. This



technology is an API (Application programming interface) for the Java programming language that defines how a client may access a database. It provides methods for querying and updating data in a database. JDBC is oriented towards relational databases. A JDBC-to-ODBC bridge enables connections to any ODBC-accessible data source in the JVM host environment.

The workshop was split in two phases for the students of IT and CSE Dept. respectively. First phase was conducted during the Janmashtami Holidays by Prof. Hemal Rajyaguru and the second phase was conducted during the second week of September 2013 by Prof. Prashant Mehta. Students enthusiastically attended the Workshop during the holidays also.

Workshop on "Logic Development using C"

Workshop on "Logic Development using C" was organized for one day during the mid of August 2013, by the MCA Department, BHGCET. It was organized for MCA 3rd Sem students (Lateral Entry candidates) by Prof. Kapil K. Shukla, Assistant Professor, MCA Dept. BHGCET.

He delivered a theory session covering History & Generations of various languages, Basic features for

programming in C language, etc. He also demonstrated Compilation and Execution of a C program by writing a simple program. In the morning session, he covered the topics like Identifiers and Literals, Keywords, Data Types, Operators, Control statements, Arrays, Functions, Pointers, User Defined Data Types, Files, Linked List, etc. Practical session was conducted in the afternoon, Workshop was attended by more than 40



participants. All candidates performed well in the practical sessions.

Workshop on "Object Oriented Concepts & Programming"

Workshop on the topic of "Object Oriented Concepts & Programming" was organized by the MCA Department, BHGCET during 13th & 14th August 2013 for MCA 3rd Sem (Lateral Entry) students. It was conducted by Prof. Ajay A. Ardeshana, Assistant Professor, MCA Dept. BHGCET.

He delivered a theory session on the basic features of C++. He also demonstrated a C++ program compilation and execution process. He covered topics like Identifiers and Literals, Keywords, Data Types, Operators, New casting operators, Difference between struct and class in C++, Pointers to objects and pointer to members of a class, Functions & Types of

functions, Operator overloading, User defined conversions, Templates, Inheritance, Polymorphism, Exception handling, File programming, etc. During both days, Practical sessions were conducted in the afternoon. The Workshop was attended by more than 40 participants.

CAMPUS BUZZ!

The Primary aim of this workshop was to bring technical knowledge across C & C++ technologies currently being used by the IT field.

This workshop addressed following topics: First C++ Program, Class, Constructor, Tokens, Functions, Scope of variables, Increment & Decrement

Workshop on Spoken Tutorial series on Advanced C++

Operators, Arithmetic Operators, Relational Operators, Logical Operators, and if statements.

This workshop provided an opportunity for Students to expand their expertise in C++. The workshop was coordinated by Prof. Prashant Maheta on 14/9/13 for 7th Sem. CSE students.



2 Day Workshop on Visual Basic

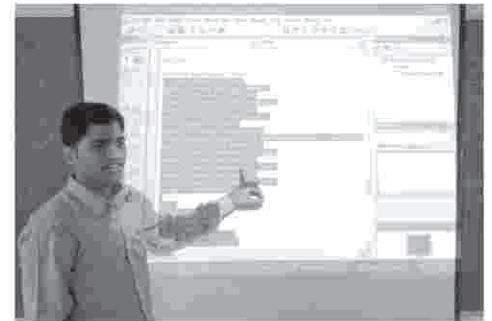
A Career and Job Oriented workshop on Visual Basic programming language was organized by CSE/IT Dept. of BHGCET in the first week of September 2013. It was organized for the 5th semester CSE/IT students. Total 93 students attended this workshop. The primary aims of this workshop were: To make students aware of latest tools for VB and technologies which are used in VB/.Net/Java related industries; and to inspire students to use challenging tools as per the actual industry requirements. It was expected that students develop a Core code for a front panel (GUI) of any application so that that in future it can be directly utilized by them in various projects.

Prof. Vaseem Ghada guided students by demonstrating a development process of a Front panel (GUI) application in VB. Students learned about various GUI components, their properties, etc. using VB 6.0. The workshop focused on the Front panel GUI development & General Programming concepts in VB. Students also carried out Hands-on practice of different components in VB.

Following topics were covered:

1. Introduction, applications & advantages of VB
2. VB v/s other High Level programming languages
3. Installation of VB 6.0.
4. General Programming Concepts
5. Explanation & Demonstration of various GUI Components
6. Demonstration on text formatting, Picture box, Images, Shapes
7. Practical session on different basic programs
8. Creation of demo projects (travel Agency form, Student Registration Form, Calculator)

Visual Basic is a third-generation event-driven programming language and integrated development environment (IDE) from Microsoft for its COM programming model first released in 1991. Visual Basic is relatively easy to learn and use. Visual Basic was derived from BASIC and enables the rapid application development (RAD) of



graphical user interface (GUI) applications, access to databases using Data Access Objects, Remote Data Objects, or ActiveX Data Objects, and creation of ActiveX controls and objects. The scripting language VBScript is a subset of Visual Basic.

A programmer can create an application using the components provided by the Visual Basic program itself. Programs written in Visual Basic can also use the Windows API, but doing so also requires external function declarations. Though the program has received criticism for its perceived faults, version 3 of Visual Basic was a runaway commercial success, and many companies offered third party controls greatly extending its functionality.

Industrial Visit to "Addison Cable - Electric Wires & Cables"

Students of 3rd Semester Electrical Engineering, E & R Divisions, recently visited the factory of Addison Cable, Metoda. The company basically makes the cables for Submersible Pumps. Total 2 Groups of 30 students visited the factory. Executive Engineer at the factory gave a brief introduction about the Products of Addison Cables. He explained the importance of cable in Electrical Engineering.

Students viewed the process of coating

different colored wires with the insulation. In this they saw the different mechanisms used to coat wires and then how to cool down the temperature of the coated wire. They also understood the process of coating of cables and wires of different gauges and different current and voltage ratings.

The main points discussed during visit to transmission substation were: Importance of wires and cables, process of coating wires and cables with insulation, and details of different Tests



performed on a cable. This knowledge can help anyone to decide the cable for the different applications such as Commercial, Industrial and Irrigation purposes.

INDUSTRIAL VISIT

Electrical Engineering (EE) Dept, BHGCET, had organized an educational cum industrial visit to 132kV Transmission Substation on 31st Aug, 2013 for the 3rd Semester E and R division EE students. It was organized by Prof. A. T. Davda, EE Dept. HOD, Prof. Anish Vora, and Prof. Dilip Moyal, the class coordinators of 3rd Sem. EE. They guided the students during the visit. Total 32 students of Electrical E-Div. & R-Div. visited the Transmission Substation. Visit was started with a welcome address by Executive Engineer Mr. Piyush Sanghani. He gave brief introduction about substation and its working. He also explained Single Line Diagram (SLD) of substation & also introduced other engineers and technical staff to students. He took all the students first to the Switch Yard. On the yard they saw various substation equipments. Working principles and applications of each of the equipment were explained by the Substation Engineer. After visiting Switch Yard, students were divided into two groups to visit the Control Room. One by one each group visited Control Room and Battery Room. In control room, they saw various control panels, relays and also got an idea regarding control of substation.

Industrial Visit to "132 kv Transmission Substation at Vajdi Rajkot"

Substation Engineer also explained application of computers and software for controlling substation. They also visited battery room (which is a heart of any substation). Details regarding maintenance of batteries were shared with the students. Working principles and applications of PLCC was also discussed.

The main points discussed during visit to transmission substation were:

1. Working of High Voltage Transmission Substation.
2. Details of Various Substation equipments (Working principle and application).
3. Details of different Control Room Equipments used in substation.
4. Various Protection Schemes and equipments used for Transmission.
5. Application of Computers and software for better operation & control of substation.

Various Substation Equipments seen by students were:

1. Lightning Arrestor
2. Coupling Capacitor
3. Bus bar



4. Wave Trap
5. Insulator
6. Circuit Breaker
7. Isolator
8. Current Transformer
9. Voltage Transformer
10. Protective relay
11. Transformer & Transformer Protection
12. Metering CT and PT
13. Control Panel, Battery Room & PLCC Control Panel

This substation is one of the Rajkot's major transmission substations. The guiding staff, college staff as well as Substation staff was very supportive to all students.

SPORTS TIME

CSE/IT Department celebrated their sports day on 7th September 2013. All the students enjoyed a lot on that special day with game spirit. More than 15 games were organized by the department. An event called "Treasure Hunt" was organized for the 1st Year CSE/IT students. It was a surprising event for them as it gave lots of fun to them, that too, in an innovative way. Students had to search the campus for different things and collect many items from wherever



Sports Day Celebration @ CSE/IT Department

they could. Cricket match was organized for boys' team by Prof. Prashant Mehta and girls' team by Prof. Rekha Terraiya. Girls' team of 5th Sem. IT won the Girls' Cricket's final match against 7th Sem. CSE Girls' team. Boys' team of 7th Sem. IT won the final cricket match against the 7th Sem. CSE team. Boys' volleyball was organized by Prof. Hemal Rajyaguru and the final match was won by 5th CSE students and Girls' volleyball final match was won by 5th CSE Girls' team. A game of Throw ball was also conducted by Prof. Avni Patel for girls only and the girls' team of 7th IT were its winners.

Table tennis game was coordinated by Prof. Altaf Mogal at the MBA building, Mr. Sachin Jadev of 7th IT won the Boy's Table tennis final against Mr. Harsh Dave of 7th CSE. Ms. Arima Sharma of 7th CSE won the Girl's Table tennis final against Ms. Arzoo Khanderia of 7th CSE. Prof. Jatin



Ambasana coordinated the game of Kho-Kho at T. V. Mehta Plaza. Prof. Pravesh Goel coordinated an interesting game called as "Kothada Dod". Prof. Amit Maru coordinated the game of Badminton at workshop. Prof. Nishant Makwana coordinated the game of Naargol.

Prof. Samir Karia coordinated the Rope reselling game. Prof. Renish Padaria coordinated the game of Chess. Prof. Nikunj Domadia coordinated the event of Carom.

MANAGEMENT TIMES

It was a day when students were very enthusiastic and were eagerly awaiting for this happening day. All the MBA and MAM students of M.H. Gardi School of Management travelled from Rajkot to Ahmedabad to visit two of the most prominent institutes of management field on 31st August 2013. MHGSOM arranged one day seminar on "Beyond the Unchartered Landscape" at AMA (Ahmedabad Management Association) followed by IIM - A visit for practical experience of the management atmosphere. 51 students and 3 faculties took advantage of this seminar and learning process.

Mr. Achal Rangaswami, conducted flawless sessions in the seminar. He explored many important lessons for management students. He is the former president (marketing) at Bell Ceramic Ltd. and has three decades of rich experience into the management field at various positions. He talked about having a vision in life with reference to the movie "Lakshya" and the way of enjoying the life by quoting "I enjoy, whatever I do."

Taking workshop further, he emphasized to become independent player in life and explained characteristics of independent player.

- Assertive

Students of MHGSOM attend workshops of AMA and visited IIM Ahmedabad

- Determined to Succeed
- Communication Skill
- Self - Starter
- Intellectual Ability
- Maturity and Responsibility
- Personal Appearance and Grooming

With his dynamic and holistic style, he captured the attention of students and made seminar interactive. Finally he quoted about normal people that "They lose their health to make money and then lose their money to restore their health." He made concluding remarks with suggesting to live in present and be happy which he said were the secrets behind his energy of being a 60 years young boy. Students had quite a good interaction with Mr. Achal Rangaswami.

Second session was followed by lunch and it was conducted by Mr. Ramamurthy. In this session students were provided information about the history and evolution of AMA and its development where they are spreading the management thoughts as a vision of Dr. Vikram Sarabhai. Along with these sessions certificates were awarded to students and a token of remembrance was given to Mr. K. K. Nair Sir - Chief Executive of AMA by Prof. Khusbu on behalf of Gardi Vidyapith. Students also visited all the blocks of AMA and its rich library.



Finally in afternoon students visited "the temple of management" IIM - A where lots of curiosity and excitement was observed into the faces of all students. As they went on visiting every bricks of the institute they learned the success stories behind the institute and the reason and dedicated approach of the institute. Students visited Vikram Sarabhai Library of IIM - A where they learned the how a dedicated approach of study was executed by viewing the students of IIM - A into library. They also interacted with few IIM - A students and shared management philosophy with them so as to adopt some of their approaches. They found some very interesting facts regarding the prevailing vision of Vikram Sarabhai at AMA and IIM - A to spread the management knowledge. This one day seminar and learning at IIM - A was very informative and knowledge sharing for both the students as well as the faculty members too.

MANAGEMENT TIMES

5th September was a unique day at the campus of M.H. Gardi School of Management. New faculty members were seen to be taking lectures, wearing Sarees and blazers. MHGSOM celebrated this teachers' day in its unique style where students got a chance to become teachers and experience the other side of the shore.

All the students showed tremendous enthusiasm in teachers' day celebration. From dresses to energy in the environment, everything was perfect for the occasion. Students, who became teachers for a day, experienced that being a teacher is not simply coming to the stage and omitting out what is there in the books. It is much more than that. Their

A memorable Teachers' Day celebration at MHGSOM

experiences resulted into added love and respect for their all the teachers. This way, teachers' day became a unique opportunity for them to show their gratitude towards their teachers.

All the faculty members also took the opportunity to remember their old days of their student life by attending the lectures. The day ended with an interaction between students and faculty members sharing the experiences of the teachers' day celebration. Students felt that being a teacher to someone requires great efforts, thorough knowledge and keen sense of responsibility.

As a concluding remark, Prof. (Dr.) Sandip Solanki, Director, MHGSOM, greeted the students and thanked them for such an



enthusiastic participation. He acknowledged the students that it is very necessary for every student to come upon the stage and perform. He also inspired the students to keep taking parts in such events to enhance the soft skills and confidence. He assured the students that students will get enough of such opportunities from the institute to flourish their talent.

MANAGEMENT TIMES

MH Gardi School of Management (MHGSOM), one of the prominent institutes of saurashtra region has added one more feather in the list of its achievements. In association with CII, MHGSOM had arranged a workshop with Mr. Maulesh Thakkar, (Business Head, Exolutions Training and HR Solutions) on the topic of "Personality Development".

Almost 30 students and 2 faculties participated in the workshop of Mr. Maulesh. The workshop was started with a question about 'Personality' that triggered the thought process in the students' minds. Mr. Maulesh is doing regular workshops for personality development in corporate sector, as well as reputed management institutes of India. After a warm welcome session by Dr. Sandip Solanki (Director, MBA dept), workshop was started with light humorous comments by Mr. Maulesh.

Workshop on "Personality Development" in association with CII

In the initiation, Mr. Maulesh clearly identified the components of personality. He also emphasized that we have to work on every aspect of personality such as professional, mental, physical and spiritual aspects.

Further, he focused on the development of personality. He strongly insisted that use of SWOT (Strength, Weakness, Opportunity, Threats) analysis is a great tool to improve the personality in a positive manner. He made students do their own SWOT analysis so that students got more clarity about their own personality.

Moreover, he insisted on having some hobbies. He inspired the students to cultivate some hobby, as our hobby makes us confident, satisfied, and self inspired. He asked the students to have a dream and keeping that dream "Big". He guided the students about achieving this dream by proper teamwork, innovation



and strategy.

With his concluding remarks, He focused on being technology friendly. He insisted the students to use the technology properly to access the ocean of information available. He emphasized on having attitude of learning also.

In the end Dr. Sandip Solanki, greeted the vote of thanks and shared his views about the need of personality grooming and self development. He congratulated and thanked CII and the team of faculty members for successfully organizing this workshop.

MANAGEMENT TIMES

Knowledge Corner...

1) What is the name of Head Quarters of Tata Group?

Answer: Bombay House

2) India's first steel mill was built by Tata. In which year was it completed?

Answer: 1911

3) About 66% of the Tata capital is allocated by Tata Sons for which purpose?

Answer: Philanthropic Trusts

4) What was the first Indian luxury hotel established by the Tata Group?

Answer: Taj Mahal Hotel

5) Who are the Bretton Woods Sisters?

Answer: World Bank and IMF

6) When did the World Bank come into existence?

Answer: July 1944

7) What was Former Name of World Bank?

Answer: International Bank for Reconstruction and Development (IBRD)

8) Who was the first president of the World Bank?

Answer: Eugene Meyer (18 June, 1946)

9) Which Asian nation was the first to get a World Bank loan?

Answer: India on August 18, 1949 for Railway Reconstruction and Development.

10) When did India sign the World Bank Articles of Agreement?

Answer: 1945

11) Who is the oldest recipient of the Nobel Prize for Economics?

Answer: William Vickrey

12) Who was the first governor of the Reserve Bank of India?

Answer: Sir Osborne Smith (April 1st, 1935)

13) Who has been the longest-serving RBI governor?

Answer: Sir Bengal Rama Raju

14) Who had the shortest term as RBI governor?

Answer: A. Ghosh

15) Which brand name is derived from the word 'polar' suggesting coolness?

Answer: Polo

- Asst. Prof. Samir Dholakiya
M.H. Gardi School of Management

Conti... from page 1 [Special...](#)

to their customers which are not affordable for small retailers. Mr. Randeep explained the reason why it has become possible for big stores to do it. He explained the modern retailing format in this context. He also shared his experiences of managing the mega stores, managing the inventory there, and most importantly managing the employees.

With his concluding remarks, he told the students that it is very necessary to be efficient if we want to run the mega store effectively. From increasing foot fall to avoiding theft, from updated inventories to marketing strategies, everything is required to run a mega store. He appreciated the participation and enthusiasm of the students to learn about the organized retailing.

Report compiled by Asst Prof. Jay Padh

SPIRITUAL TIMES

Navratri...

Navratri is a festival dedicated to the worship of the Hindu deity Durga. The word Navaratri literally means nine nights in Sanskrit, nava meaning nine and ratri meaning nights. During these nine nights and ten days, nine forms of Shakti/Devi are worshipped. The tenth day is commonly referred to as Vijayadashami or "Dussehra." Navratri is a very important and major festival in the western states of Gujarat, Maharashtra, and Karnataka during which the traditional dance of Gujarat called "Garba" is widely performed. This festival is celebrated with great zeal in North India as well, including Bihar, West Bengal, Madhya Pradesh and the northern state of Punjab.

The beginning of spring and the beginning of autumn are considered to be important junctions of climatic and solar influences. These two periods are taken as sacred opportunities for the worship of the Divine Mother Durga. The dates of the festival are determined according to the lunar calendar.

Worship of The Divine as the Mother is a special characteristic of the Indian Culture. Whereas, The God, is mostly referred to as the Father of all creations or the Omnipotent ruler of the Nature in other religions. Navaratri or Navadurga Parva happens to be the most auspicious and

unique period of devotional sadhanas and worship of Shakti (the sublime, ultimate, absolute creative energy of the Divine conceptualized as the Mother Goddess-Durga, whose worship dates back to prehistoric times before the dawn of Vedic age.

A whole chapter in the tenth mandal of the holy Rigveda deals with the devotional sadhanas of Shakti. The "Devi Sukta" and "Usha Sukta" of the Rigveda and "Ratri Sukta" of the Samveda similarly sing paeans of praise of sadhanas of Shakti.

Before the beginning of the Mahabharat war, Lord Krishna had worshipped Durga - the Goddess of Shakti- for the victory of the Pandvas.

Lord Brahma is cited in the Markandey Purana as mentioning to Rishi Markandey that the first incarnation of Shakti was as Shailputri. Other incarnations of the Divine Mother are: Brahmcharini, Chandraghanta, Kushmanda, Skandamata, Katyayani, Kalratri, Mahagauri and Siddhidatri in that order. These nine manifestations of Shakti, are worshipped as "Nava-Durga". The fifth chapter of the Rudra Sanhita of Shiva Purana also vividly describes the various Divine Emanations of Durga.

Since the Vedic Age of the Rishis, the devotional practices recommended



during Navratri are primarily those of Gayatri Anushthana. In the Vedic Age of the Indian Culture, the religious philosophy and devotional practices were focused towards true knowledge and ultimate realization of the supreme power of Gayatri (Bram Shakti). The Vedas were the basis of all streams of spirituality and science those days. Gayatri has been the source of the divine powers of the gods in the heavens and their angelic manifestations and incarnations. Gayatri sadhana was also paramount in the higher level spiritual endeavors of the yogis and tapaswis. Gayatri Mantra was the core-focus of daily practice of sandhya-vandan (meditation and devotional worship) for everyone. As guided by the rishis, specific sadhanas and upasanas of the Gayatri Mantra were sincerely practiced during the festival period of Navaratri by every aspirant of spiritual enlightenment.

Compiled : Frany Karia (Journalism student)

LIFE SKILLS

Poster Making On Anger Management

Gujarat Technical University (GTU) introduced a new course termed as Bridge-Course from the current Academic Year 2013. It has been initiated for the first semester students of engineering discipline. Life-Skills is one of the subjects of this course, under which many activities were organized and managed by Prof. Rakesh Oza and Prof. Sujata Wadhwa for the 1st Sem. engineering students of BHGCET.

One of those activities called "POSTER MAKING on ANGER MANAGEMENT", was executed by Prof. Sujata at T.V. Mehta Plaza, Gardi Vidyapith Campus, on 13

August 2013. Although the event was very new for the students, it got an overwhelming response from students and they got absolutely involved in it. Interviews of some of the participants were taken to share there experiences and these videos have been uploaded on Gardi Vidyapith's site: www.gardividypith.ac.in

Many new ideas were brought up by the students and the event ended successfully with life enriching experiences for the students. In the words of Vishak Veliyath(Student of 1st Sem, Mech-M Division): "Participating in the



Poster-Making event was a very lively, comforting and soothing experience for me. I was very excited about it".

Report compiled by -Harsh, Karan & Vishak (1st Sem. Mech.)

ARTY PARTY

Honesty is the best policy

This is truly said by a great person that honesty is the best policy.

Now a day's honesty is hardly seen in this corrupted generation. The one who is honest seems to have any prior importance in this environment of dishonesty.

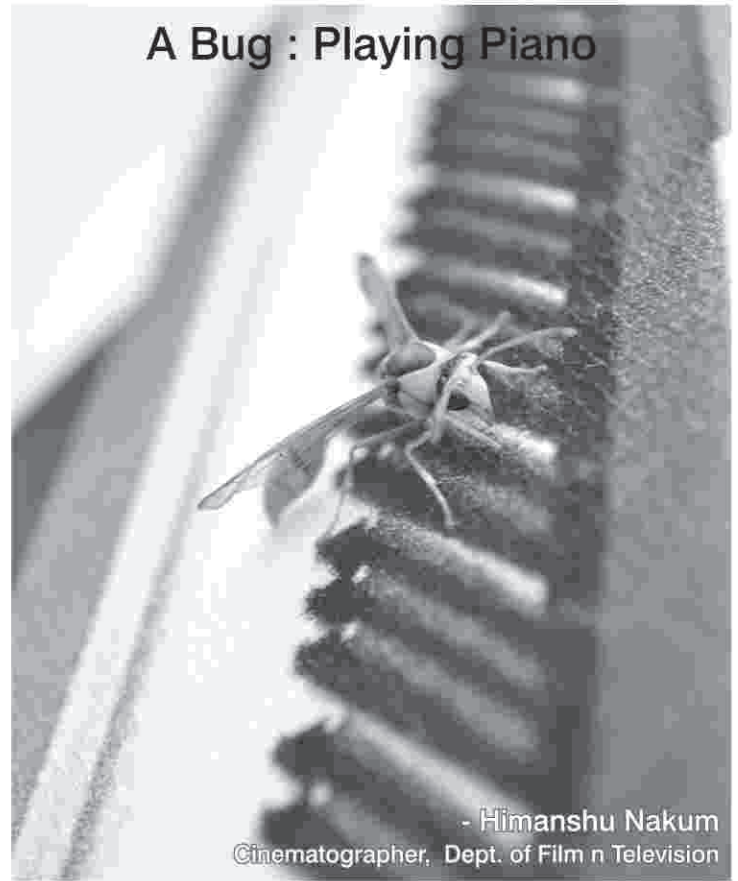
But still there are some people who are honest and are known for their honesty. For an instance we can refer to the armed forces: because of their honesty and love for their country they are devoted to their duty and nation. This is only because they know their responsibilities very well and they take it very much seriously.

Some people are corrupt because they all are forced to and because of their selfishness. They run after money to fulfill the never ending needs of their family. They choose the path of corruption. Those who are honest are honest towards their job and know their responsibilities. They believe in doing job with full dedication and hard work. By doing the same- this will come true - honesty is the best policy and is only weapon which can lead our country to great heights and will make the people more honest towards their duty , family and country.

- Kumari Pooja J. (1st Sem Civil)

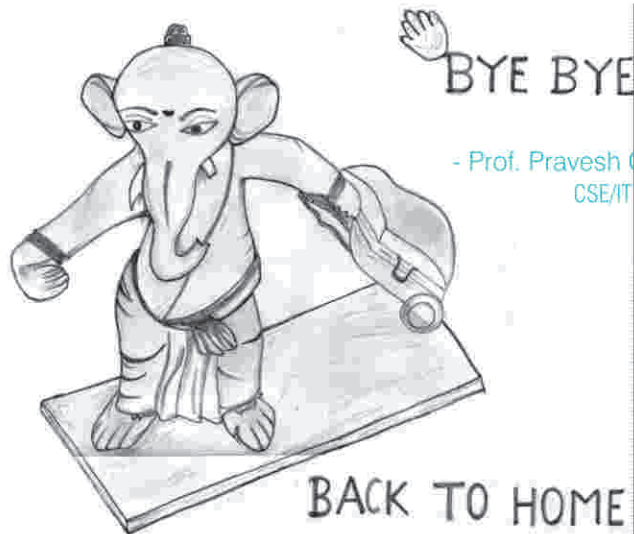
CLICK PICK

A Bug : Playing Piano



- Himanshu Nakum

Cinematographer, Dept. of Film n Television



- Prof. Pravesh Goel
CSE/IT Dept.

MCA Faculty Achievement

Research Paper Publication: Prof. Kapil K. Shukla has published a research paper titled as "Comparative Study of BLUETOOTH, 802.11 and HIPERLAN" in the International Journal of Computer Engineering & Technology (IJCET), Volume 4, Issue 3, published in May-June 2013. The ISSN/ ISBN are ISSN-0976-6367 (Print), ISSN-0976-6375 (Online).

Industrial Training for Faculty: Prof. Kapil K. Shukla had also attended a 5-Day Industrial Training on the topic "Web Hosting Management & Online Billing System" at Perfect WebTech, Rajkot during June, 2013.

SOCIAL ACTIVITY

Tree Plantation... Back to Nature...

Department of Civil Engineering arranged a departmental social activity for 1st and 3rd Sem. Civil Engg. Students (with respect to the SCC subject) on 21st August 2013, Wednesday.

Students successfully completed the Tree plantation activity in the Gardi Vidyapith campus. Activity was conducted in small groups of 15 students. Students participated enthusiastically in this activity. Different types of plants were

planted along the compound wall near Boys' Hostels A and B.

Students realized the importance of greenery and why trees are important on earth? They were explained how trees make our atmosphere clean and give us medicine and good health. The students learned a lot regarding their social responsibilities and how to develop a helping nature during this activity. Civil Engg Dept staff members and Prof. Hiren Bhatt also provided dedicated efforts to



make the activity successful.