

Celebration

Indian Scenario is changing and so is the Indian woman, men and organisations. A 360 degree change in the perception, determination, aspiration, outlook, education, will, courage and ability to handle multi task has broken the false ceiling of gender bias.

Openness to accept women as equal to men may be a matter of debate, but the Indian Women of today has made the opposite sex realise and understand that Wo(W!)men cannot be taken for granted. Not anymore.

Kiran Mazumdar-Shaw, chairman and managing director, Biocon, Chanda Kochar, executive director of ICICI Bank and Vidya Chhabria, Chairman of Jumbo Group recently secured a place in the Fortune magazine's list of the world's most powerful women in business.

Indra Nooyi, CEO, Pepsico, Naina Lal Kidwai, MD, HSBC India, Lalita Gupte, COO, ICICI, Pragya Raman, group executive president of Aditya Birla Group, Kalpana Morparia, CEO of JPMorgan Chase and a new generation of young women such as Sangeeta Pendurkar, 46, MD of Kellogg's India, or Kirthiga Reddy, 40, Head, Facebook India to name a few- are women who have taken on the entire world.

Manisha Lath Gupta, Chief Marketing Officer of Axis Bank was quoted saying, "My husband took a break from work for two years and I was the one paying the

Hot Issue

This passage gives a picture of before and after the celebration of holly. in india the river yamuna is not just another river but a place of worship. More often then not our behaviour towards places of worship are questionable and also pink point

Our attitude towards the Indian tradition, similarly river Yamuna is a victim of this attitude. Since ancient time to today's day and age the importance of Yamuna in people lives have remain the same but

Salute to Indian Women!!!! Indian women in Global Scenario



bills. People would often ask me 'How can you let your husband sit in the house while you work?' It did not bother her at all. Gupta's attitude represents the changing mindset in the workplace in India.

No doubt India still has some way to go before women stand on an equal footing with men at the workplace. The World Economic Forum Gender Gap Index shows that only five per cent of working women in India have made it to senior leadership positions, much lower than the global average of 20 per cent.

It is estimated that women entrepreneurs



presently comprise about 10% of the total number of entrepreneurs in India, with the percentage growing every year. If the prevailing trend continues, it is likely that in another five years, women will comprise 20% of the entrepreneurial force or even more.

According to Vinita Gupta, Group President and CEO Lupin Pharmaceuticals Inc, USA," There is an increasing acceptance of women as



leaders today"

Some of India's top companies are now giving specific mandates to head-hunting firms to fill middle and senior management roles with women candidates. Bharti Enterprises and American Express have mandated their recruitment agencies to have a certain percentage of women candidates at the interview stage. These efforts of promoting diversity are being appreciated in the corporate world.

The World Bank's annual World Development Report says reservation of 33 per cent of seats in village councils for women in India has led to water and better sanitation in villages, better schools and lower levels of corruption.

Of the 10,000-odd workforce at Ajanta Group- world's largest clock manufacturing company- about 90 per cent of the workforces are women. The founder of the group believed that their focus and tenderness provided precision to the making of clock. More than 100

Conti... page 2

"Yamunaji ne tire gulaloni kund bhari, Ude abil gulal radhe range rame."

today Yamuna is one of the most polluted rivers. pusssthi sampraday has taken the initiative to save the river , Yamuna bachao. this protest is to started from the 1st of march 2013. lakhs of people joined the protest. the filling of awareness to save the river. the river among people has given a new hope to save Yamuna stick actions and policy from the Delhi Government is also require. one of the first step should be allow the flow of water through hathni bandh. it is obvious that



the Government has spoken to death about saving the environment but not taken any action towards it.

Hopefully for the generation to come for batter , beautiful Yamuna.

Event Time

- **Immaculate '13 starts on 17th and 18th March**
- **Prizes worth more than Rs. 3 Lacs**
- **More than 4000 participants of different 100 colleges have registered**

This vibrant technical Symposium initiated in 2011, with an aim of providing opportunities to the student community to exercise its academic acumen and ingenuity and become a hub for ground-breaking ideas and solutions.

"Imagination is the beginning of creation." - George Bernard Shaw

Scheduled to be held from Immaculate'13 will have competitions modeled to test the technical acumen, programming skills, flair for business management, quizzing expertise and mechanical intellect of the participants. With the dream of spreading its wings and expanding its reach beyond

Immaculate'13

previously unseen levels, a host of new events and initiatives are being introduced this year. True to the great meaning behind its magnificent name, the Tech Fest will ensure a convergence of ideas from all around the country on a platform that shall serve as the pedestal that thrusts a Technovating Nation towards the glory road.

Immaculate'13 is a national level symposium that commences almost few months before the actual dates, in the form of online contests and various other social initiatives.

Come, you shall head off to the enigmatic land of Rajkot that will be ready to play host to several thousand visitors, including illustrious achievers and visionaries. Chaos, one of the grandest gaming arenas of India sees a congregation of plenty of champion gamers. The perfect challenge for the mechanical engineer comes in the form of



Robosapiens - undoubtedly a peek into the future of machines. Quizzing doesn't get any more attractive or lucrative than Quizzotica, where the most revered quizzmasters rule the territory. All this, and much more.

Infostretch Corporation, ahmedabad is associated with Hactathon(24 hour programming competition) in Immaculate13- A Tech Symposium.

Hactathon Winners will be awarded with Rs 20000/- for the 1st Prize and Rs. 10,000 for 2nd Prize.

Gateway Technolabs Pvt Ltd, Ahmedabad, is associated with PRAKALP - Project competition (CSE/IT/MCA).

PRAKALP Winners will be awarded with Rs 10000/- for the 1st Prize and Rs. 5000 for 2nd Prize (for Both UG and PG students).

Campus Drive

M.H.Gardi School of Management arranged industrial tour at Pune. Almost 38 students and 3 faculties visited Tata Motors and Bajaj Auto. During visit they have interacted with the HR Manager, Ms. Anuradha, Bajaj Auto and got informative things. Also students got an opportunity to see the process of assembling of vehicles and there designing, followed by the informative presentation.

Students also interacted with the HR Executive, TATA Motors. There the

Industrial Visit at Two Big Giants

"TATA Motors & Bajaj Auto"



students have given information about the history of evolution of TATA Motors and its development. Also they had an opportunity to visit the various assembling units of their passenger

vehicle and commercial vehicle at TATA Motors.

Tata motors are having 16000 employees in the Pune plant alone. The students got the chance to find out how they are managing the human resource so effectively. Students found some very interesting unknown facts regarding the TATA group.

These two days visit was very informative and knowledge sharing for both the students as well as the faculty members too.

Conti... from page 1 Salute to...

buses now ply between the Ajanta factories and some 190 villages to ferry these women, everyday!

Balaji wafers, a leading name in packaged snack is yet another example of employing over 60 percent of girls staff to ensure perfection for the job. Lijjat papad is a company worth mentioning which has created thousands of employment opportunities for the rural down trodden women.

How can we forget the film and television Industry where women are setting trends in areas which was so far male

dominated. Names like Gauri Shinde, scriptwriter and director of English Vinglish, Farah Khan, director and leading Choreographer, Deepa Mehta Director and setting trends for taking up bold issues like Fire, 1947 Earth and Water, Meera Nair, Director of Monsoon Wedding and Ekta Kapoor who rules over Indian soap opera on television

Apart from Corporate world, women have made a mark in almost each and every area including sports, journalism, science and technology, aeronautics, civil services, art, literature, education, fashion industry and many more. It is difficult to

cover all the areas in the article but from villages, to town, cities and metros, there is probably no area where there are stories of courage, accomplishment, achievements, motivation and change with women in forefront. A BIG Salute to every Women who have continuously churned herself in every role and worked as a catalyst for change time and again.

"Women are most likely to lead social enterprises and catalyse social change," says Mazumdar-Shaw of Biocon. The glass ceiling has been shattered. But crossing over the shards of broken glass is also not proving easy.

By: Masooma Bharmal Jariwala

Campus Drive

To enhance the teaching skills of faculty members in core Engineering and Science Subjects, an important initiative has been taken by B. H. Gardi College of Engineering and Technology Gardi Vidyapith,. The college participated in a two day ISTE workshop on "Research Methods in Educational Technology" conducted by IIT-Bombay. The workshop was conducted over two consecutive Saturdays (2nd Feb 2013 and 9th Feb 2013), with model based assignments as a part of the workshop.

Live lectures were given by the IIT faculty. The participating teachers attended workshop in auditorium as the college is one of the remote center with RC code 1275. They also attended tutorial and lab sessions conducted in the same center. The lecture transmission and live interaction took place through distance mode using the AVIEW technology and the internet.

Prof. Yogesh Jani was appointed as the RC coordinator and Prof. Manish Patel were appointed as workshop faculty

Workshop on Research Methods in Educational Technology...

coordinator to ensure success of the workshop.

A server room (network administer) team was appointed to handle the technology

Topics in the workshop had included:

- What are different types of research problems in educational technology?
- How to read and analyze a research paper in educational technology?
- How to convert your innovative teaching and learning idea into a research study?
- How to plan, conduct, and analyze your experimental study in educational technology?
- What are various techniques to evaluate the effectiveness of your study?
- How to create robust measurement instruments (such as questionnaires)?



infrastructure and other operational logistics. More than 60 participants from various departments of engineering and science had taken advantage of the workshop.

The workshop contained theory sessions on research methods in educational technology, as well as questionnaire wherein participants got an opportunity to apply knowledge and guidelines from the workshop. During the workshop, participants tried to identify the topic for their educational technology research. In the questionnaire, participants worked on several exercises individually and in teams to begin writing educational technology research papers.

Expert Talk, On Nano Technology and Spintronics

An expert talk on Nano Technology and Spintronics was organized on February 19, by the Department of Humanities at the convention center.

Nanotechnology is the engineering of functional systems at the molecular scale. This covers both current work and concepts that are more advanced. Generally, nanotechnology works with materials, devices, and other structures with at least one dimension sized from 1 to 100 nanometers. With a variety of potential applications, nanotechnology is a key technology for the future and governments have invested billions of money in its research. Nanotechnology may be able to create many new materials and devices with a vast range of applications, such as in medicine, electronics, biomaterials and energy production.

Spintronics also known as magneto electronics, is an emerging technology

exploiting both the intrinsic spin of the electron and its associated magnetic moment, in addition to its fundamental electronic charge, in devices. Spintronics emerged from discoveries in the 1980s concerning spin-dependent electron transport phenomena in solid-state devices.

The talk was delivered by Prof. D. G. Kuberkar (Physics department at Saurashtra University, Rajkot). Prof. Kuberkar, a Ph.D from Marathwada University, Aurangabad has 20 years of teaching experience for UG level at Department of Physics, Saurashtra University, Rajkot. He has published around 116 research papers in reputed journals.

The lecture we organized for the second semester student of EE, EC/IT, CSE branch as this is a part of their syllabus in Engineering physics. Other students and faculties were also invited.

Prof. Kuberkar gave excellent talk on Nano Technology and spintronics.

He gave information about that material and its production and applications. He also shared information about other research fields in which they are doing research in their laboratories at Physics Department, Suarashtra University. He explained the recent trends of research and its application in other fields. He also gave information about his research laboratory and instruments used in Saurashtra University, Rajkot. He informed about outer country's research and opportunity of in that field and various Government schemes and research fellowships for research students.

Quote of the Month

If you teach a man you teach somebody, if you teach a woman you teach a nation".

-Mahatma Gandhi

Campus Drive

The major objective of the ISTE (Indian Society for Technical Education) is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. But, recent surveys indicate about mismatch between the requirements of the engineering industry and the competencies of the graduates coming out of the engineering colleges. It is a matter of concern to all the engineering bodies. Serious efforts are required to change this scenario.

In order to bridge the gap and to align with the objectives of ISTE, B. H. Gardi College of Engg. & Tech. (BHGCET), Gardi Vidyapith has taken an initiative by inaugurating ISTE faculty chapter on 2nd

Inaugural Ceremony on ISTE Faculty Chapter

Highlights of ceremony:

- Brief Introduction (including major objectives, activities, services, code of conduct, benefits to members, awards etc.) to ISTE by Prof. Manish Patel
- Distribution of ISTE life time membership Certificates & Cards to new 35 members by Heads of various engineering departments.
- Motivational speech by Prof. S. B. Jadeja, the principal, BHGCET
- Opening of ISTE activity with 02 days ISTE workshop on "Research Methods in Educational Technology" conducted by IIIT Bombay through remote center



February 2013. All the teachers from various engineering departments witnessed the ceremony. The whole program was well thought-out and administered by Prof Yogesh Jani, ISTE coordinator and Head of DHS and Prof Manish Patel, Assistant Professor in EC Engg Department. The event ended-up with opening of 2-day ISTE activity - a workshop on RMET. Prof Patel anchored the event.

Gardi Faculties receive GTU Pedagogical Award 2013

B. H. Gardi College of Engineering & Technology and Gardi Vidyapith feels proud and appreciate faculties who have been awarded by GTU Innovation Council on 2nd GTU Innovation Sankul Day, 14th February, 2013 at Paryavaran Mandir, Naroda, Ahmedabad.

Prof. S.B. Jadeja (Executive Director) was selected for his contribution as an Executive Director and Mr. Kapil Shukla (Asst. Prof.) was selected for his

contribution as a faculty from Jamnagar Innovation Sankul recognized by GTU Innovation Council for Pedagogical Innovation Award 2013.

The winners were honored by Padmashree Dr. Vijay Bhatkar, Architect PARAM series of Supercomputer, Prof Akshai Aggarwal, Hon' VC, GTU, and Swami Sarvasthananda, Adkshya of RamKrishna Mission with certificate and momentous.

GTU Innovation Council received more



than 300 nominations in 14 different categories for GTU Pedagogical Award 2013.

Six Day Workshop on Industrial Automation

Industrial automation plays a vital role in the field of electrical engineering. Every industry tries to implement the latest automation technique so as to reduce the man power and produce cost effective products. Keeping in view, so as making the students familiar with automation technique, the Department of Electrical Engineering had organized a six day workshop on "Industrial Automation" from 11th Feb to 16th Feb 2013.

The workshop was conducted by Industrial String Automation, Pune and was carried out by Mr. Amit Kumar, C.E.O & Director of the company and Mr. Himanshu Kumar, Director of the company. This workshop aimed to teach the students about the PLC, HMI, SCADA

and project based on drives.

The workshop started with the inauguration speech by Prof. Amit D. Ved, Head of the Department who stressed on the importance of industrial automation and formally welcomed to the trainers.

Students were divided into two batches. One batch attended theory class at Convention Center while other batch attended practical at Lab No: 12 & 13. Students came to know regarding PLC, SCADA, HMI. This continued for five days. On the last day of the workshop, students made one project based on the combination of PLC, SCADA, HMI and AC drive.

Students were exposed to software's like CodeSys, RS Logic, E-HMI, Eclipse-



SCADA etc. The programs solved by students were based on industrial problems faced by the trainers. Students were also given an opportunity to write program in ladder logic and download and perform it on actual PLC modules of various companies.

A total of 68 students and four faculty members participated in the workshop.

Campus Drive

Under Training and Placement cell of our college, to make students familiar with various ways to tackle interviews, the Training and Placement cell of Gardi Vidhyapith organized a two day expert seminar on 'Personality development' on 4 and 5 February 4, 2013.

Mr. Ritvik Pandey of Technocorp Entrepreneur, New Delhi was the key-note speaker. Students from various branch were present to attend the seminar.

Students were introduced on ways to behave and react in different circumstances during the interview. The most common mistakes done by students during an interview were also highlighted.

Such facts regarding the students were really astounding.

Mr. Pandey shared his views regarding the current scenario of industries and

Expert Seminar on 'Personality Development'

Some of the points to be taken care during interview included:

- Development of self-confidence.
- Behavioral approach towards interviewee.
- How to develop the positive attitude and kind of etiquettes students should have.
- Company Profile and Introduction
- Image Management.
- Branding you.
- Interpersonal skills.
- Corporate/telephonic etiquettes.
- Winning Attitude.
- Presentation skills & public speaking.
- Team Building & Team Performance.
- Entrepreneur Skills.



crisis faced by students.

In the later part he gave a presentation on what industry expects from an engineer. By this he also made students understand the value of right education, skill development, discipline, team work, positive attitude and many other such helpful points. The seminar was indeed helpful to boost courage and confidence in the students. Meanwhile, wherever possible he also revealed the job opportunities in all field. The company has trained many engineers in India in various branches.

Workshop on Skill-based Engineering Education for Enhanced Employability

Recent study shows that Industry finds only 15% of our engineering graduates are employable. There is a mismatch between the requirements of the engineering industry and the competencies of the graduates coming out of the engineering colleges. It is a matter of concern to all the engineering bodies. Serious efforts are required to change this scenario.

In order to bridge the gap, the Electronics & Communication Department of B. H. Gardi College of Engg. & Tech., Gardi Vidyapith organized one week workshop on 'Skill-Based Engineering Education for Enhanced Employability' from 28th Jan, 2013 to 2nd Feb, 2013) for the 6th semester EC students. The objective of the workshop was to meet the requirements of 21st Century engineering profession and industry.

According to GTU scheme, students get only 2 hours per week to perform practical related with particular subject. This duration is not sufficient to get expertise in skill-based subjects. The workshop aimed to provide skill-based knowledge for the required subjects

6th semester EC students are studying the subjects of VLSI Design and Digital Communications as a part of their

curriculum. To get employment in various fields of Electronics like Automation, VLSI the students need to be very good at HDL (Hardware Descriptive Language) programming. Thus, as a first stepping stone, the students need to become familiar with the VLSI Design Flow, Tools used in VLSI industries, various devices like FPGAs, CPLDs.

Skill-set 1: Programming of various Digital circuits using VHDL & configuring CPLD & FPGA kit with VHDL codes

Introduction of VHDL programming

Introduction to various types of modeling and data types of VHDL

Introduction to ALTERA QUARTUS II tool and its steps.

Introduction to Helium Board (altera MAX3000A based board design by IIT, Bombay)

Configuring the architecture of Altera MAX3000A with the logic circuits

Implementing a Combinational as well as Sequential circuit in Helium board

To grab a good place in fields like Image Processing, Automation, Speech Processing, Digital Communication the students need to become efficient programmer. Thus, as a prerequisite for



above subject, it is highly recommended that the students need to have extensive practice and thorough knowledge of MATLAB language.

Skill-set 2: Basics of MATLAB

Introduction & Commands of MATLAB

Creating a plot & arithmetic function using MATLAB

Usage of MATLAB for Digital Communication

Exercise related with the MATLAB

Noise & Power calculation in Comm. Engineering using MATLAB

The workshop was helpful to the students in developing programs in the subjects like VLSI Design, Image Processing, Digital Communication, Antenna and Wave Propagation and Optical Communication.

Campus Drive

Objective:

Industrial design and manufacturing play an increasingly important part for increasing the productivity of the company. Any modern industry that wants to successfully face the challenges of increasing globalization and competitiveness in the production processes of their business should take into account the latest advances in design and manufacturing.

To keep students abreast of the modern practices, a two day workshop on 'Basic Engineering Practices in Design & Manufacturing' was recently organized by the Mechanical Engineering department.

The workshop enabled practicing engineers working in the industries and academics in the area of Design, manufacturing and quality control to closely interact with expert possessing a wide experience in this field. It offered participants the opportunity and glimpse into the basic skills required for the design, manufacturing and quality control for the product.



Workshop On Basic Engineering Practices in Design & Manufacturing

The workshop was divided in technical sessions covering various topics related with engineering practices in design and manufacturing. Assesment/Test exam for all the participants was conducted at the end of the training sessions.

Topics Cover:

Basic drg. Practices- drg. Format - projection views, symbols (symbols for methods of projections, surface roughness, tolerances, std.parts, pipe fittings and connections,etc.),contents-standard designation of materials and treatment- dimensioning practices- Geometric and Dimensional Tolerances. Use of Precision measuring instruments and Gauges. basis and Shaft basis System- applications of Limit Fit and Tolerances-types of Fits. Standard Hardware used in assembly's like-

- Different types of Bearings and their selection.
- Different types of Gears and their applications.
- Different types of Fasteners- Bolts, Nuts, Studs, Washers, Screws etc. and their selection (w.r.t. related IS Grades)
- Circlips and groves
- Different types of springs and their applications.

Assembly drawings and dimensioning, Introduction to Design for Manufacture and Design for Assembly, Process capability and specification



limits, Units-FPS, MKS, SI-National and International standards Introduction to Force analysis -types of Stresses-Factor of Safety-Margin of safet, Selection of materials-standard specifications of materials, Types of Joints-Riveted, Bolted, Welded., basic procedure of joint design, fundamentals of Industrial Hydraulics and Pneumatics, selection of cylinders based on manufacturers catalogues and selection of Belts, Chains, Couplings, Gear boxes based on manufacturers catalogues.

Prof. S.B.Soni (Rtd. Professor L.D.Engineering College-Ahmedabad), Mr. Kamal Contractor owner (Parter) of PARAS CAD/CAM/CAE, Mr. Jayant Janumar Director (Technical) at Kadvani Forge Limited and also Chairman of ASM International Gujarat region, Dr. G.D. Acharya, principal of Atmiya Institute of Technology & Science, Rajkot were among the prominent speakers at the workshop.

A total of 22 students, 9 daculties and two delegates from the industry attented the two day workshop.

Expert Talk on Power System Security

An Expert talk on 'Power System Security' was recently organised by the Electrical Department. Prof. S. K. Joshi of H.O.D., Electrical & Electronics Engineering M. S. university, Vadodara delivered the talk to the students of 6th and 8th semester Electrical Engineering students.

He discussed about the factor to be kept in mind while implementing the power system security. According to Mr. Joshi, "Power system security may be looked upon as the probability of the system's operating point remaining within acceptable ranges, given the probabilities of changes in the system

(contingencies) and its environment."

He discussed about the major components of security assessment for e.g. System Monitoring, Contingency Analysis, Preventive and Corrective Actions. He also discussed about the system monitoring.

For monitoring the state one should measure the terms like form of power injections, power flows, voltage, current, status of circuit breakers, switches, transformer taps, generator output etc. Remote control of the circuit breakers, disconnect or switches, transformer taps etc. is generally possible. The entire measurement and control system is



commonly known as supervisory control and data acquisition (SCADA) system.

The expert talk helped the students in imparting basic knowledge and importance of the Power System Security and how it can be done to improve the performance of the system.

Campus Drive

Collaborative Model for Training and Certification in Casting Design and Simulation

India has become the 2nd largest producer of castings in the world, driven by the auto sector (growing at 35%), and others. In spite of this boom, acute dearth of skilled manpower is the biggest hurdle confronting the foundry industry, as per a recent annual report of the Institute of Indian Foundrymen.

Foundry Vision 2020 projects the requirement as 20,000 workers and 2000 engineers. The shortage is severe for manpower trained in automation and CAD/simulation technologies, which are needed for quality and yield improvement. There are hardly any academic institutes having the facilities and teachers to impart the relevant knowledge and training.

To meet the growing demand for human resources in casting design and simulation, a training and certification programme has been organized for few selected final year and pre final year graduate students in Mechanical Engineering Department on dated

National Knowledge Network (NKN) : E-Foundry

18.2.2013.

This course is running at B H Gardi College of Engineering & Technology, SGS Institute of Science & Technology (Indore) and DKTES Textile & Engineering Institute, (Ichalkaranji, Kolhapur) simultaneously through video conferencing. This programme was collaborated with E-Foundry Lab at IIT Bombay. E-Foundry is a part of the NKN mission to connect knowledge providers and seekers through a high bandwidth network.

The workshop was based on self-learning mode, using online content freely available at E-Foundry site (<http://efoundry.iitb.ac.in>). This includes lesson videos, library resources, simulation lab and tutorial exercises. The workshop is arranged in such a manner that users can freely access through the E Foundry site for the teaching content developed in IITB, to update their knowledge in casting design and simulation. The training content and pedagogy has been packaged so that it can be easily administered by competent partner (B H Gardi College of Engineering



& Technology) as local E-Foundry Cell.

Certificates will be issued after successful completion of the study and evaluation of the exercises to all the participants. The one participant who scores maximum marks in exercise evaluation at the end of workshop will get a chance to spend one day at IIT Bombay. The total expenses including travelling, boarding and lodging will be bared by IIT Bombay E Foundry Lab.

The eventual goal of the workshop is to create a pool of competent human resources for meeting the requirements of the manufacturing industry. The training programme will benefit students of engineering institutes, during or after graduation, by improving their employment prospects.

Workshop on Project Management

The B. H. Gardi college of Engineering & Technology and MCA Department recently organized a one day workshop on Project Management on 11 February, 2013.

It seems difficult for any student to choose a right tool and start developing a Project according to future market scenario. The idea behind the event was to make the students of MCA-4 semester about "How the project should be built up?" starting from requirement gathering and analysis to Deployment of the application.

Prof. V. A. Gandhi, Asst. Professor, Head of MCA Department, at the beginning of the workshop, honoured the expert team and share his words on the workshop.

Experts from Infinity Infoway Pvt. Ltd. spoke on the subject at the workshop. They include Mr. Bhavesh Patel- Managing Director, Ms. Kajal Gajjar- HR, Mr. Kashyap Tank-Technical Programmer in .Net, Ms. Monica Rathod-Technical

Programmer in -Php.

Mr. Bhavesh Patel explained the application development starting from scratch and broadly discussed each and every steps of SDLC (Software Development Life Cycle) with real life examples. He demonstrated Travels Management example which is a live project of his company. Most of the well known Travels like Neeta bus, Patel Tours & Travels, Mahasagar Travels and many other Travel Industrialists are using their software.

Mr. Bhavesh and his team had dramatically shown that how a meeting can be conducted with client, how a meeting can be conducted with technicians etc.

Ms. Kajal Gajjar had explained about the important factors for effective communication to avoid any communication gap. She discussed the points to be kept in mind if anyone wants



to be entrepreneur.

Mr. Kashyap Tank and Ms. Monica Rathod demonstrated how a database can be created in .Net and in php.

At the end, the expert team closed this workshop by showing a Motivational video.

Students got exposure on the subject and enhance their knowledge after attending the Workshop. According to the students feedback the knowledge achieved by this workshop will surely help them to initiate and develop their project.

Campus Drive

INDUSTRIAL TRAINING · DETAIL · OF FINAL YEAR (2013 batch) STUDENTS

To walk out to manage and lead in the dynamic industry environment and to make students familiar with the external world, EC Department of B H Gardi College of Engg & Tech has thought of providing an opportunity for our final semester students about taking the Industry Training.

Currently, majority of the industry require "JOB READY" people but unfortunately, the limitations of the college environment and scarcity of the skilled candidate, students are not getting the real industry exposure to develop/check their technical skill.

There is also a need of Interpersonal skill like the importance of Communication skill, Company etiquettes, Attitude, how to work in a team etc. Industry environment best suits for the overall grooming of the

Electronics & Communication Engg Dept

students. In the current curriculum of the GTU, there is an opportunity to carry out Industry Defined Project in the Final year of engineering.

Taking the advantage of the same & to give the industry exposure to carry out their Industry defined project, EC department has tried for an Industry Training to its students.

The department has initiated its efforts to make an industry interaction few months back and it has got a remarkable response from industry. Students go for the industry training from Monday to Friday and come to the college on Saturday and Sunday for attending their lectures and Lab Sessions.

From Mid January the department has also started student's industry training and students are gaining extremely valuable exposure. The training will continue till June 2013.

Students are currently taking their training in well-known Industries. To name a few Sahajanand Laser Tech - Gandhinagar, AMTECH Electronics - Gandhinagar, Advantek Solutions- Ahmedabad, Hitachi - Hirel Power Electronics Pvt. Ltd - Gandhinagar, Matrix Telecom -Baroda, ALSTOM India - Baroda, AIMTRON Electronics- Baroda, MASIBUS Automation & Process controls Pvt. Ltd- Gandhinagar etc.

Prof. Sunil Bhatt, Assistant Professor from Electronics & Communication Engineering Department and serving as a Training & Placement Officer (TPO), took keen interest and has put endless efforts to generate industrial training for most of the eligible students of the final year batch.

Of the total 67 student, around 58 students have undergone Industry training.



Faculty Development Program

Prof. C.D. Parmar and Prof. S.B. Bhatt from EC department successfully participated in one day workshop on 'Students outcome - Based Engineering Education for Enhanced Employability' organized at Pandit Deendayal Petroleum University, Gandhinagar on February 9.

Prof. P. G. Sastry, Head (Learning & Development)- Ramky Group, Hyderabad delivered an enlightening talk on engineering education system in India

and role of faculty members for improving student's employability in terms of job prospective, social and ethical values.

Mr. K Madhava Rao further extended the talk on social and moral responsibility of individuals on personal management to improve present scenario. A total of 42 participants from various institutes across the state and 49 participants from PDPU participated in the workshop.

The workshop was an eye-opener for the



department and would help in directing its efforts towards maximizing the employability of the students.

Expert Talk on High Voltage Engineering

An expert talk on 'High Voltage Engineering' was presented by Prof. S. M. Kanitkar, HOD Electrical and Engineering ITM Universe Campus, Vadodara to the 6th and 8th semester Electrical Engineering students on February 22.

At the start of the session, Prof. S. M. Kanikar briefed the students regarding the present and future High Voltage growth. She started with the basics of high voltage engineering and its importance. She also discussed about the different

between the High Voltage engineering laboratories for college purpose, High voltage laboratory industry purpose and HV laboratory for testing purpose.

She discussed about the efficiency of High Voltage using for transmission of power with the advantages of High Voltage DC transmission over the High Voltage ac transmission. She shared information about the voltage range present in the present scenario.

Prof Kanikar also talked about the testing use for high voltage technologies



basically for Transformer testing. She shared some basic safety precautions or tips to be used while performing high voltage practical.

Campus Drive

Education gained from this visit cannot be learnt from any books. It was a visit meant to give a completely new experience of life.

Students and faculties of the Electrical department visited 'Dikra nu Ghar' an old age home which houses 47 old parents.



A memorable day at the 'Old Age Home'

The students interacted with them individually and talked about their regular and routine life. Emotions, feelings, experiences, thoughts were exchanged. A religious atmosphere was created as the students and the members of the old age home participated in 'bhajan' at their temple site.

Students also volunteered to serve food during lunch time.

Various games and fun activities were also done to lighten the mood and enlighten the spirit of people living in this home. Students played the Gujarati Natak 'Chhel Chhabilo Gujarati'.



It was a moment of joy and happiness to see them enjoying and laughing. They were so happy that invited the students to frequently visit and entertain them.

Two faculties Prof. Meenakshi Jha and Prof. Dilip Moyal accompanied the students to the Old Age Home.

Expert Talk on CCNA and Importance on Networking

With an aim to bring technical knowledge across the nation and speed up with the latest developer's tools and technology currently used by IT field, the Computer Science and Engineering and Information Technology department organized an expert talk on CCNA and Importance on Networking on February 25.



The workshop was planned and schedule to address various topics including, an introduction on CCNA & Networking, Prerequisite criteria for CCNA Academy, Problems that can be solved using Networking & CCNA, Concepts and

application, Introduction to CCNP & CCNA Security and Job importance for networking person.

Prof. H.M. Nimbark (Head of CSE Department) started the Session by welcoming to Prof. Vijay Ukani Associate professor, PG Coordinator and CCNA certified trainer at Nirma University with introductory speech. Prof Nimbark has formally opened the CCNA Cisco Networking Academy in collaboration with Cisco- An International Organization for all students of Gardi Vidyapith. He has also appreciates the students for showing interest in networking technology.

Session-1 of expert talk on "CCNA"

Prof. Vijay Ukani delivered a lecture on a

brief introduction about Networking problems & regarding CCNA Academy. CCNA is important jobs in networking field. He explained the difference between the local academy and registered CCNA Cisco academy.

Session-2 of expert talk on "Importance On networking"

Prof. Vijay Ukani talked about the concepts of networking on simulator. He explained two to three problems on packet tracer simulator and WireShark tool.

He also gave introduction session of CCNA Academy and how it is important with the degree and define area for student's future.

Expert Talk on Soft Computing System

An expert talk on 'Soft Computing System' was recently organized by the CSE/IT department. The topics included, introduction to Soft Computing, Problems that can be solved using soft computing, Concepts and application and Introduction to neural network.

Dr. Narendra C. Chauhan, PhD, From IIT Roorkee who is working as Associate Professor in A. D. Patel Institute Of Technology, V. V. Nagar

Session-1 of expert talk on "Soft Computing"

Delivered his expert lecture with a brief introduction about Soft Computing and problems that can be solved using soft computing.

Session-2 of expert talk on "Soft Computing"

He also talked about the concepts of soft computing as well as application of soft computing.



He also gave introduction of the most immerging topic of artificial intelligence NEURAL NETWORK.



gardi vidyapith wishes a colourful dhuleti...



Campus Drive

An expert talk on Distributed Operating System was recently organized by the Computer Science and Engineering and Information Technology. The topics covered included,

1. An introduction to Operating System
 - a. History of Operating System
 - b. Functions of Operating Systems
 - c. Process Management in Operating Systems
 - d. Types of Operating System
2. Introduction to Distributed Operating System
 - a. Differences of Distributed Operating System with other OS
 - b. Types of Distributed Computing Systems
 - c. Reasons for Distributed Systems

Expert Talk on Distributed Operating System

- d. Characteristics and Goal of distributed systems
- e. Pitfalls when Developing Distributed Systems
- f. Hardware and Software Concepts
- g. Middleware and Openness

Prof. Y. V. Shukla (Head of IT Department) started the session by welcoming Prof. Kirit Modi from Ganpat University, Mehsana with introductory speech on Distributed Operating System and also appreciates the students for showing interest in technology.

Session-1 of expert talk on "Distributed Operating System"

Prof. Kirit Modi delivered a lecture on a brief introduction about Operating System.

He also talked about Functions, Types,



and process of Operating Systems and gave a brief Introduction of Distributed Operating System.

Session-2 of expert talk on "Distributed Operating System"

He discussed the types, differences and pitfalls while developing Distributing operating system in 2nd session.

He also discussed how distributed operating system can be used for security purpose.

Workshop on Aakash Android Application Programming by IIT-Bombay

A workshop on Aakash Android Application Programming was recently conducted on 23 and 24 February at Gardi Vidhyapith auditorium where around 189 students participated. Live lectures were given by IIT faculties. The lecture transmission and live interaction took place through distance mode using the AVIEW technology and the internet. This initiative is part of the National Mission on Education through ICT, supported by MHRD.

The Course Content for the two day workshop comprised of: Getting Started with Android, Setting up Eclipse for Android Software Development, Android Building Blocks, Layouts and UI Control, Android Application Resources, Data Storage and Publishing your Android App.

Clicker Software :

The Aakash Clicker Quiz was conducted twice every day during Android



Workshop.

Spiritual Time

Even if you are not a religious person by nature or training--even if you are an out-and-out skeptic--prayer can help you much more than you believe, for it is a practical thing. I mean that prayer fulfills these three very basic psychological needs which all people share, whether they believe in God or not:

1. Prayer helps us to put into words exactly what is troubling us. It is almost impossible to deal with a problem while it remains vague and nebulous. Praying, in a way, is very much like writing our problems down on paper. If we ask help for a problem--even from God--we must put it into words.

Prayer... The Unbelievable Power within Us!!!

2. Prayer gives us a sense of sharing our burdens, of not being alone. Few of us are so strong that we can bear our heaviest burdens, our most agonizing troubles, all by ourselves. Sometimes our worries are of so intimate a nature that we cannot discuss them even with our closest relatives or friends. Then prayer is the answer. Any psychiatrist will tell us that when we are pent-up and tense, and in an agony of spirit, it is therapeutically good to tell someone our troubles. When we can't tell anyone else--we can always tell God.

3. Prayer puts into force an active principal of doing. It's a first step toward

action. I doubt if anyone can pray for some fulfillment, day after day, without benefiting from it--in other words, without taking some steps to bring it to pass.

The world-famous scientist, Dr. Alexis Carrel, said, "Prayer is the most powerful form of energy one can generate." So why not make use of it? Call it God or Allah or Spirit--why quarrel with definitions as long as the mysterious powers of nature take us in hand?



High Alert

According to annual report on Internet crime released on 2010 by IC3 (Internet Crime Complaint Centre), the report demonstrates that the online crime has become, affecting people in all demographic groups throughout the country. IC3 received an average 25,317 complaints for cyber crime per month in 2010. Non-delivery of payment or merchandise accounted for the most complaint which is 14.4%. Such Non-delivery of payment or merchandise is one of the types of Internet Auction Fraud.

Out of all victims reported that 34% victims don't know about the gender of fraud maker. There are several ways to occur Internet Auction Fraud but the most common fraud is the non-delivery of the purchased item. Internet Auction Fraud involves following list of frauds.

Non-Delivery

In this type of fraud, seller places an item for bid over internet, but the item is never delivered to the buyer once he/she makes the payment. In addition to this, if the buyer pays by credit card, the seller will obtain their personal information and credit card number information which is sensitive data.

Misrepresentation

In such fraud, the purpose of seller is to deceive the buyer as to the true value of an item. This can be as simple as displaying false information about the item that is up for bid. Seller might change the picture after purchase of that item in better condition than it really is.

Triangulation

This fraud includes three parties: The

Think Time

What would you do? Imagine there is a bank that credits your account each morning with \$86,400.

It carries over no balance from day to day. Every evening deletes whatever part of the balance you failed to use during the day.

What would you do?

Draw out every cent, of course!!!

Cyber Crime: Internet Auction Fraud



scam operator, a consumer and an online merchant. The scam operator buys goods from an online merchant with stolen identities and credit card number. Then, the scam operator sells those goods at online auction sites to buyers. Next, the scam operator has the buyer to make wire transfer the money and then sends the goods to the buyer. Here, buyer becomes the target of stolen goods investigation. They buyer and online merchant become the victims.

Fee Stacking

To obtain more money, the seller adding hidden charges to the item after the auction is over. The seller adds extra charges for postage, handling, and the shipping container, instead of a flat rate for postage and handling. And as a result the buyer has paid a lot more for the item than what he/she had predicted.

Black-Market/Counterfeit Goods

This includes the offer for sale on Internet Auction Sites. It includes copied software, music CDs, brand items, Videos, etc. These goods are delivered without a box, warranty, or instruction.

Multiple Bidding

It is used to buy an item at a lower price.

The buyer places multiple bids with different name with high and low price on the same item. The multiple high price bids by the same buyer cause the price to be increased, which scares other potential buyers from bidding. Then, in the last few minutes of the auction, the buyer withdraws their high bids to purchase the item with their low price bid.

Shill Bidding

It is an international fake bidding by the seller to increase the price of his own item that is up for bid. This is done by the sellers themselves making bids on their own items purposely to increase the price of his item.

International Auction Fraud

International Auction fraud is the most prevalent of Internet crimes associated with eastern European countries. The subjects are more flexible with victims to send half funds now and half when the item arrives. The money is generally transferred via wire transfer. To receive funds via wire transfer, the receiver must provide the complete information of the sender and the receiver's full name and address. The funds can be withdraw from anywhere in the country using this information. It is not required to provide money transfer control number (MTCN) and the answer to any secret question.

References

<http://www.cbintel.com/AuctionFraudReport.pdf>

<http://www.lookstoogoodtobetrue.com/fr audtypes/auctionfraud.aspx>

<http://www.lookstoogoodtobetrue.com/p rdocs/ic32010report.pdf>

The value of time

Each of us has such a bank. Its name is TIME.

Every morning, it credits you with 86,400 seconds. Every night it writes off, as lost, whatever of this you have failed to invest to good purpose. It carries over no balance. It allows no overdraft. Each day it opens a new account for you. Each night it burns the remains of the day. If you fail to use the day's deposits, the loss is yours.

There is no going back. There is no

drawing against the "tomorrow". You must live in the present on today's deposits. Invest it so as to get from it the utmost in health, happiness, and success!

The clock is running. Make the most of today.

Treasure every moment that you have! And treasure it more because you shared it with someone special, special enough to spend your time. And remember that time waits for no one.

Arty Party

*I remember that day one more time
And forget it to remember forever
I freeze that day to frame my form
To make her favorite in heart ever
Within the space of paper so nicely
I painted my pain so sweetly
She loves, lives and leaves me suddenly
Breaking all boundaries before the day ends
She moves like waves in the veins of words*

I remember that day one more time



-Shabir Parmar (DHS)

*Hiding behind the mysterious shadow of sings
She writes my verse; a loving incidence
Pouring emotions, memory and fragrance
Moment mingles in a moment
The world dies and the word remains
Even her absence that fills my presence
And our existence becomes one
Though she is not with me nor I without her
I am only her poem and She meaning to it.*

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LET THY WORDS BE FEW

acutate 13

17,18 MARCH 2013

A National Level Technical Symposium

Santa: Agar nariyal ke ped pe chad jaun to.

engineering college ki ladkiyan dikh jayegi

Banta: Pir hath chod dena,
to medical college ki bhi dikh jayegi.

Bus Accident

Banta Crying: Mera hath kat gaya.
Bahut dard ho raha hai.

Santa: Abey chup baith.
Wo dekh uska gala kat gaya,
Fir bhi chup-chaap pada hai...!!

Doctor: Do exercise daily for good health.

Santa: Sir i play football, cricket, tennis daily.

Doctor: how long do you play?

Santa: until d battery in my mobile goes down!!

Santa: Me bada hokar Air Force me jaunga.

Mom: Mujhe kaise pata chalega k ye mere bete ka plane h?

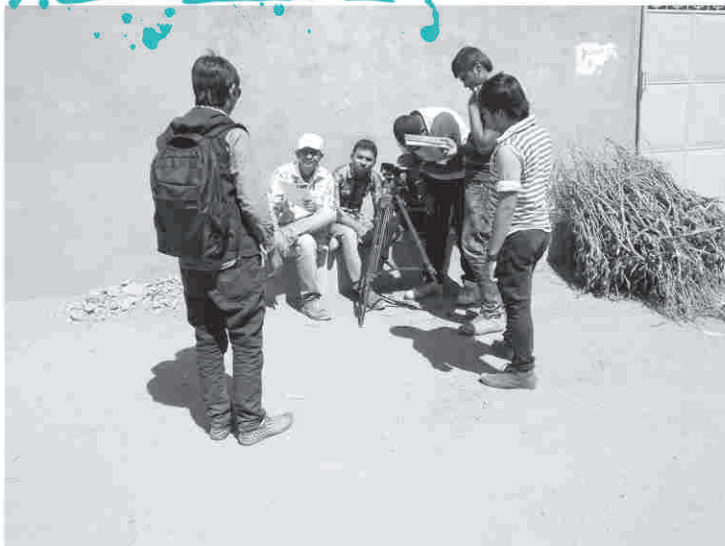
Santa: Me guzarte waqt ghar pe BOMB phek dunga

We are happy to inform that The Gardi Times will successfully complete 1 year in the next issue. As a part if its first Birthday Celebration, we welcome your comments & suggestions to make the in-house news magazine more valuable.

Mail us at garditimes@gardividypith.ac.in Regular contribution from students and staff members of Gardi Vidyapith - Short stories, photographs, poems, articles and news items can be mailed at garditimes@gardividypith.ac.in

Photo Story

Short film produced by F & T team



"Gamdu Saher Bhani" a short film prepared by Gardi Film & Television Institute for the short film competition. This film produced under guidance of Mr. Sunil Makwana (Faculty of film direction), Mr. Himanshu Nakum (Faculty of cinematography) and Mr. Samir Vaishnav (Faculty of Editing & VFX). Ronak, Chintan, Kapil, Mahesh students of film & television institute have play the role... We wish them all the best.