



THE Gardi TIMES

time to step ahead...

Published Date : 10th of Every Month

Year : 1 | Issue : 11 | Dt. 10-01-2014 | Page : 8

Language : ENGLISH

MEGA EVENT

"Towards a Green Planet" in collaboration with PDPU, Gandhinagar



A workshop was organized by Department of Electrical & Mechanical engineering on "Towards a Green Planet" in collaboration with Pandit Deendayal Petroleum University, Gandhinagar. The workshop was conducted for the Academicians from Schools & Universities, Research Scholars, Policy Makers, Industry Professionals and Government Officials. The registration was based on first come first serve basis. The participants were from 15 engineering colleges, 5 Industries and 5 Schools/Colleges other than engineering summing up to 25 institutions and 130 participants took advantage of attending this workshop.

The objective of this workshop was to spread awareness for the use of solar appliances, awareness on wind energy, biodiesel, green energy and use of green building for the people of Gujarat.

The workshop was planned and scheduled by Dr. Vimal Savsani, PDPU & Prof. A D Ved, BHGCET, in coordination with Prof. A H Vora, Prof. V K Mehta, Prof. S K Patel & Prof. S H Bhatt from Department of Mechanical & Electrical Engineering.

The chief guest for the workshop was Mr. M. B. Jadeja, Executive Director, PGVCL, Rajkot and Dr. H. B. Raghvendra, Director, SOT, PDPU. Shri D V Mehta, Chairman BHGCET welcomed all the guests from PDPU, GETCO, PGVCL and other

institutes and industries. Dr. V J Savsani introduced the highlights of the workshop.

Dr. Raghvendra, Director, SOT, PDPU cleared the picture about the mission of this workshop. He said that PDPU is a nodal centre for creating awareness about green energy and saving environment in the state of Gujarat in form of organizing workshops, arranging painting and modeling competitions where different organizations can participate. He also invited Gardi Vidyapith to be one of the key participants in this mission. He also asked the participants to multiply the awareness about the green energy in their organization and around their society.

The Keynote Speech was delivered by Shri Dipak Gadhia. In his cerebral words, he discussed about the possibility of usage of solar energy for different applications. He had discussed about energy generation through PV cells and economics involved. He discussed about the usage of solar concentrator for cooking the food during day time and during night time also. Mr. Gadhia also discussed about the development of oil frying systems, water heaters & air conditioning systems, all based on solar energy and already installed at different places. In the end, he also discussed about the world's first and so far world's

only, Solar Crematorium.

The chief guest Shri M. B. Jadeja, Executive Director of PGVCL had discussed with the colossus about the initiative taken by PGVCL towards green energy in particular different schemes and project related to solar energy and Smart Grid.

The technical session was divided into six major parts with six different experts from various fields and professions. Dr. Omkar Jani, GERMI, Principal Research Scientist briefed about Solar energy. Mr. R. G. Tilan, Ex. Vice president, Torrent Power continued the session by highlighting Energy Conservation. Prof. Himanshu Choksi, Faculty, Chemical Dept., PDPU updated the participants about the field of Biodiesel and its future trends. Dr. V. J. Savsani, Assistant Professor, Mech. Dept., PDPU, explained the concepts of Offshore Wind Energy. Mr. R. J. Vala, Deputy Engineer, PGVCL cleared the concepts of smart grid. And lastly Dr. Nanji Hadia, Assistant Professor, Mech. Dept., PDPU, concluded by explaining Energy Management.

Workshop ended with a vote of thanks by Prof. A D Ved to PDPU, Principals and management of different colleges, industry officials like GETCO, PGVCL etc and to all those who had directly or indirectly contributed towards organizing the workshop.



CAMPUS BUZZ!

**Second Alumni Meet 2013:
Nostalgic Reminiscences**

Treading the lanes of the past memories, Second Alumni Meet 2013 was organised on 21st evening, the third Saturday of December, as decided, by the office bearers of Alumni association in 2012. Pouring in by the alumni started at 5:00 PM. The eventful occasion was graced by more than 130 Alumni ranging across various batches from various parts of the country.

Speaking on the occasion, Prof. S.B. Jadeja, the Executive Director of B.H. Gardi College of Engineering and Technology underlined and praised the achievements of Alumni in various spheres of life. He felt that it was a matter of great pride for the college that its Alumni are holding positions of responsibility in various renowned organisations. He commended their contribution towards the growth of their Alma Mater and emphasized the need for further strengthening the linkage between the Alumni and the current students. He also outlined many future activities to be taken up by the Association. He captivated the spectators by announcing the availability of an Alumni office in the coming future so that as and when they wish to visit their college, they could. He also encouraged the alumni to provide their valuable feedback, both compliments and comments, to aid the college in its better functioning. The

alumni were titillated after being aware about the launching of the Alumni Magazine, edited by Prof. Sujata Wadhwa, which will be comprising of the alumni's experiences, articles, memories, achievements, poems, stories...the list is endless, tinged with a dash of innovation and creativity. The lively function was also attended by all HODs and staff members of B.H. Gardi College of Engineering and Technology. Prof. S. B. Bhatt highlighted the achievements of B.H. Gardi College of Engineering and Technology and called for greater Alumni Participation.

After the concise speech offering varied opportunities to the alumni to showcase their talents, the office bearers graced the stage and were warmly welcomed by the audience. Then the series of events started. The experience sharing sessions flavoured with the game Tambola/Housie and the enticing dance by one of the alumni from mechanical department. The gifts won in the game and also by the performers were appreciated by the alumni and staff alike. Literally, there was a sort of rivalry between the staff and the alumni to win more and more gifts. Mr. Nirav Trivedi, Jr. Software Engineer at Indusa, Ahmedabad, Mr. Mustufa Attaria, Graduate Engineer at Striker Corporation, New Delhi, Mr. Harsh Vyas, Graduate Engineer at Nirma Chemicals, Bhavnagar, Mr. Ashutosh Rai, Graduate Engineer at

Nirma Chemicals, Bhavnagar were a few who shared their working experiences in a plausible manner. They brought out memories of college campus and a plethora of emotions.

The colour of culture was sprinkled in the T. V. Mehta Plaza of B.H. Gardi College of Engineering and Technology by organising an impromptu Raas Garba competition in which three alumni grabbed the prizes. The toothsome, yummy dinner was devoured by all in no time. Great bonhomie was observed everywhere with old students reliving their old memories with their batch mates. These lovely reminiscences were captured by the alumni in their mobiles. An aura of nostalgia captivated all the minds and hearts. The alumni expressed their unanimous desire of not leaving the campus just after the dinner as they were taking delight in each and every slightest moment and relishing the memories of the past. The ambience was electric with people seen chatting and dancing in groups. The youth wallowed the alumni meet which ended with promise to meet again and everyone bid emotional farewell to each other and their beloved institute.

Reported by: Sujata Wadhwa, Assitant Professor, Department of Humanities & Science



CAMPUS BUZZ!

Organized for Department of Humanities & Science and Civil Engineering

REDEFINING TEACHING LEARNING PROCESS IN ENGINEERING

Introduction:

The practice of Outcome Based Education (OBE) has been growing throughout the western world during last couple of decades. The success of OBE has been unanimously agreed by scholars across the board. Gradually, it has started being introduced to Indian Professional Institutes as well. Known for its continuous efforts for enhancing its current position and future prospect, Gardi Vidyapith has initiated a series of OBE workshops on the campus.

As a part of this series, an OBE workshop was organized for the Department of Humanities & Science and Civil Engineering on 14th December, 2013. It was a joint venture of Prof. Yogesh Jani, Prof. Sujata Wadhwa, Prof. Vimal Patel and Prof. Nirang Kothari. It was conducted during 8.30am to 1.30pm at TV Room, 1st floor MBA Building.

Insights of the Workshop - Activity:

The Workshop was started with a brief introduction of OBE by Prof. Sujata which was followed by an activity. Before the activity, participants were divided into three groups. The activity was for inculcating futuristic vision among the participants. The participants were supposed to draw a picture elaborating Current Gardi Vidyapith and Future Gardi Vidyapith. The hypothesis of Future Gardi



A Workshop on Outcome Based Education

Vidyapith came very close to 10 steps of OBE.

Reflection - 10 steps of OBE:

With the background of the above mentioned activity, 10 steps of OBE were introduced and discussed. These points were:

- 1) Identification of the type of engineer/doctor that the society needs
- 2) Identification of the Outcomes of the Educational Process
- 3) Identification of Curriculum Content
- 4) Student Progress through the Curriculum
- 5) Identification of Appropriate Educational Strategies



- 6) Identification of Teaching Methods
- 7) Decision as to How the Students Will Be Assessed & the Curriculum Evaluated.
- 8) The Educational Environment
- 9) Management and Administration of the Curriculum
- 10) Communication of the Curriculum to All Stakeholders

Brainstorming on Vision and Mission of Gardi Vidyapith:

Post tea session was a brainstorming on Vision and Mission of Gardi Vidyapith, conducted by Prof. Yogesh Jani. The brainstorming was facilitated with a questionnaire inquiring whether the Vision/Mission matches with the expected



standards. Each group was given 15 minutes to jot down their points and then to share with rest of the groups. The brainstorming was summed up with unanimous agreement that the Vision and Mission Statements are not matching with the expected parameters and they need to be modified.

Attributes of an Ideal student:

Next session was pertained to the attributes of an ideal student with reference to three levels: Knowledge, Skill and Attitude. Here also, each group was given 15 minutes to jot down their points and then to share with rest of the groups. This session proved to be most interactive. Lots of arguments and counter arguments were raised and satiated. There were quite a few participants who had confusion regarding the last two levels viz. Skill and Attitude. After good deal of debate it was clarified that the attitude is more to do with one's mindset whereas the skills deal with the application.

Feedback:

The last session was that of feedback by the participants on the basis of the four criteria: 1) Like, 2) Wonder, 3) Doubt and 4) What will I implement? Like stood for what did a participant like in the workshop; Wonder stood for what application of a concept/s according to a participant is less and/or not certain; Doubt stood for the area/s where a participant thought it would be dubious to apply in real life and What will I implement? Stood for what idea/s/concept/s of OBE a participant would implement to his/her academic field. Each participant enjoyed the interactive session the most.

Report by: Mihir Dave, Assistant Professor
Department of Humanities & Science

CAMPUS BUZZ!

ADWITIYA 2013

A Two day technical Event organized by Electronics & Communication Department

A two day technical event was organized by Electronics & Communication Department named "ADWITIYA-2013" on 8th and 9th October, 2013. The event was mainly divided into seven different segments comprising of technical and nontechnical events namely Demotronics, Techpro, Exproduction, Think tank, Roundtable, Quizania, Troubletime. We are overwhelmed by the active participation of all the students of all semesters.

In Demotronics the participants in group of two members presented an conceptual video presentation on various technical topics wherein they explained the concept of the topic. By means of the presentation participants were given a chance to explore and share the information of the respective topics selected by them with all other students, so that they also get aware about those things in short period of time.

Techpro event comprised of a technical project exhibition of various projects based on controllers and also included



the software simulated projects.

In Exproduction event participants were first divided into several groups. Then they were provided a consumer product and they had to explain the features of the product in technical terms.

Think tank was organized to test the indepth knowledge of some frequently used electronic components. This event was performed in a group of four members where each group was given different components and they had to build a circuit which gives a proper output as expected.

Engineers are there to solve the problems of the society and to serve them. Working in that direction we had a real time society problem solving session called as "Troubletimes". In this event every group



had to give solution on the given problem. Solution must be practical, feasible, innovative and applicable. This required high thinking level, vision and imagination power.

Quizania was an quiz competition where in every group was asked various questions and the team with correct answers was rewarded by points. This questions were asked in form of images and videos.



Round table was a group discussion where participants had to discuss on recent topics and their evaluation was done based on confidence in there speech, content about the topic, leadership, and attitude towards other members.

The event was successful in terms of student's active participation and the credit of the success of "ADWITIYA" goes to all the co-coordinators who gave their best to make this event successful.



*Gardi Vidyapith Wishing You a
Very Happy New Year...*

**"Another fresh new year is here...
Another year to live!
To banish worry, doubt, and fear,
To love and laugh and give!**

**This bright new year is given me
To live each day with zest...
To daily grow and try to be
My highest and my best!**

**I have the opportunity
Once more to right some wrongs,
To pray for peace, to plant a tree,
And sing more joyful songs!"**

-William Arthur Ward

Gardi Vidyapith Flashback 2013



Navratri Celebration @ Gardi Vidyapith



Tushar Gandhi @ Gardi vidyapith



Inter Departmental Group Discussion



Mechsept 2013



Youth Fiesta 2013



Project : Live News Studio



Spirit 13 Zonal Cricket Tournament



CONOSCENZA 13



C Quiz Using Clicker on AKAASH Tablets



Project : 3D Water Screen Projection



Androids With Inventors @ ROBOCON - 2013

MANAGEMENT TIMES

Saving Economics from the Economists:

Economics as currently presented in textbooks and taught in the classroom does not have much to do with business management, and still less with entrepreneurship. The degree to which economics is isolated from the ordinary business of life is extraordinary and unfortunate.

That was not the case in the past. When modern economics was born, Adam Smith envisioned it as a study of the "nature and causes of the wealth of nations." His seminal work, *The Wealth of Nations*, was widely read by businessmen, even though Smith disparaged them quite bluntly for their greed, shortsightedness, and other defects. The book also stirred up and guided debates among politicians on trade and other economic policies. The academic community in those days was small, and economists had to appeal to a broad audience. Even at the turn of the 20th century, Alfred Marshall managed to keep economics as "both a study of wealth and a branch of the study of man." Economics remained relevant to industrialists.

In the 20th century, economics consolidated as a profession; economists could afford to write exclusively for one another. At the same time, the field experienced a paradigm shift, gradually identifying itself as a theoretical approach of economization and giving up the real-world economy as its subject matter. Today, production is marginalized in economics, and the

paradigmatic question is a rather static one of resource allocation. The tools used by economists to analyze business firms are too abstract and speculative to offer any guidance to entrepreneurs and managers in their constant struggle to bring novel products to consumers at low cost.

This separation of economics from the working economy has severely damaged both the business community and the academic discipline. Since economics offers little in the way of practical insight, managers and entrepreneurs depend on their own business acumen, personal judgment, and rules of thumb in making decisions. In times of crisis, when business leaders lose their self-confidence, they often look to political power to fill the void. Government is increasingly seen as the ultimate solution to tough economic problems, from innovation to employment.

Economics thus becomes a convenient instrument the state uses to manage the economy, rather than a tool the public turns to for enlightenment about how the economy operates. But because it is no longer firmly grounded in systematic empirical investigation of the working of the economy, it is hardly up to the task. During most of human history, households and tribes largely lived on their own subsistence economy; their connections to one another and the outside world were tenuous and intermittent. This changed completely with the rise of the commercial society.



today, a modern market economy with its ever-finer division of labor depends on a constantly expanding network of trade. It requires an intricate web of social institutions to coordinate the working of markets and firms across various boundaries. At a time when the modern economy is becoming increasingly institutions-intensive, the reduction of economics to price theory is troubling enough. It is suicidal for the field to slide into a hard science of choice, ignoring the influences of society, history, culture, and politics on the working of the economy.

It is time to reengage the severely impoverished field of economics with the economy. Market economies springing up in China, India, Africa, and elsewhere herald a new era of entrepreneurship and with it unprecedented opportunities for economists to study how the market economy gains its resilience in societies with cultural, institutional, and organizational diversities. But knowledge will come only if economics can be reoriented to the study of man as he is and the economic system as it actually exists.

-Asst. Prof. Khushbu Doshi (MBA Dept)
Kum. M.H. Gardi School of Management

KNOWLEDGE CORNER

- 1 What is corium?
- 2 Which Stanley Kubrick film was based on a Stephen King novel and starred Jack Nicholson?
- 3 'Indices' is the plural of which word?
- 4 Zr is the symbol of which chemical element?
- 5 Which drug is known in Australia as 'twang'?

- 6 To which part of the body does the adjective 'rhinal' refer?
- 7 What was the name of the character played by Tracey Ullman in the television drama series *Ally McBeal*?
- 8 In which play by Shakespeare does the character Beatrice appear?
- 9 Which US state is further east: Ohio or Wyoming?
- 10 'Bitser' is an Australian word for which

animal?

ANSWERS:

- 1) A deep inner layer of the skin,
- 2) *The Shining*, 3) Index, 4) Zirconium,
- 5) Opium, 6) The nose, 7) Dr Tracey Clark,
- 8) *Much Ado About Nothing*, 9) Ohio,
- 10) A mongrel dog.

TECHIE SERIES

IT Certifications

It's not easy to get a job these days, even when there are jobs to be had. So what does it take to become a viable candidate for a solid, well-paying job? In the IT industry, the answer is clear: **CERTIFICATION**.

Whether you're just launching your career in information technology as a fresher or are an experienced IT professional looking to command a higher salary and advance in your field, certifications help you achieve your career goals. Certifications are globally accepted means of establishing as well as assessing the essential set of credentials required for a job. They are hard evidence that you are competent enough to perform the tasks assigned (or could be assigned in future) to you.

Get Certified, Get Hired

According to a research by Computing Technology Industry Association (CompTIA), 86 percent of hiring managers indicate IT certifications are a high or medium priority during the candidate evaluation process. The jobs are out there, but roughly eight in ten HR executives say it's challenging to find candidates with the right IT skill set. As companies struggle to fill positions, they're looking for validated skills. Today's managers can't afford to hire an employee who can't contribute right away. So a job applicant should not underestimate the role of IT certifications during the hiring process. If employers are relying on professional certifications to aid them in

their hiring decisions, give 'em what they want (and score a sweet salary in the process!).

10 Reasons to get certified:

1. To get more job offers
2. To command a higher salary
3. To have a greater job security
4. Gain unique access to resources
5. Help your company increase business
6. Hiring advantages over non certified competitors
7. Boost your self esteem & strengthen your weaknesses
8. Earn promotions more quickly than non-certified peers
9. You can hang it on your wall
10. You may get it for free

Demand chart of various IT Certifications:



Source : From Internet

Areas of IT Certifications:

Programming: Companies need people having proven knowledge of technologies such as Java (OCJP), .NET (MCP, MCAD, MCTS), MySQL, PHP, Silverlight, Flex, SharePoint, etc.

Technology proficiency: People having knowledge with one or more of the major technologies such as ERP packages are in demand since many firms seek to maximize their existing information systems while expansion or for upgrading (Ex: SAP, PeopleSoft, Siebel, etc.)

Security: Companies want people who can keep their information safe and secure (Ex: CompTIA's Security+, CISSP, CCSE, etc)

Infrastructure & Networking: With implementations of LANs, WANs, Virtualization, and Cloud computing technologies, firms are seeking IT pros with a blend of server, software and networking skills (Ex: CCNA, VMWare, Linux, RHCE, MCSE etc.)

Electronic Medical records: Health care firms in US and other countries are in need of IT pros with the expertise to install and support medical records software (Ex: CHDA, RHIA, EPC HIM Certification, etc)

IT Business processes: Organizations are seeking those people who understand how technology supports broader business objectives and who have the management skills to make them happen (Ex: PMP, Six Sigma, ITIL, etc)

-Jatin Ambasana

Assistant Professor (CSE/IT Department)

Conti... from page 6

- 1 Who succeeded Yuri Andropov as leader of the Soviet Union in 1984?
- 2 What was the name of the submarine in the TV series Voyage to the Bottom of the Sea?
- 3 Which actor played James Bond in GoldenEye?
- 4 With which Italian motor company is the Agnelli family associated?
- 5 Of which Canadian province is St

- John's the capital?
- 6 Which English adventurer and courtier to Elizabeth I was executed in 1618?
- 7 In which country did the rottweiler originate?
- 8 Which Pulp Fiction actor starred in the remake of the movie Shaft?
- 9 Who wrote the novel Roots: The Saga of an American Family?

- 10 Which Turkish dish comprises thin layers of filo pastry containing nuts and honey?

ANSWERS:

- 1) Konstantin Chernenko, 2) Seaview, 3) Pierce Brosnan, 4) Fiat, 5) Newfoundland, 6) Sir Walter Raleigh, 7) Germany, 8) Samuel L Jackson, 9) Alex Haley, 10) Baklava.

ARTY PARTY

Identity is not what I promise others
 Identity is what I do when I am alone
 Identity is what every wound reminds me
 Identity is what I learn and what I pass by
 Identity is what I see in the mirror

Identity of I

after giving my best
 Identity is what I make out of my given chance
 Identity is what I accept and what I deny
 No one else has control over me,
 Life is about me, and what I identify.

-Makadiya Dhara A.

Sem./ Branch: 6th CSE (Roll No.: 11CSE59)



STUDENTS' ACHIEVEMENT

GUJARAT TECHNOLOGICAL UNIVERSITY with CENTRE FOR ENVIRONMENTAL & GREEN TECHNOLOGIES and INDO - GERMAN STUDY CENTRE organized One Day International Seminar on Sustainable Energy on 20th November, 2013 at GTU Chandkheda Campus. The theme was Sustainability as the capacity to endure. Sustainable energy is, therefore, the sustainable provision of the energy that meets the need of the present generation without compromising the need of the future generations. The event was parted into 5 technical sessions where in first four

@ International Seminar on Sustainable Energy

sessions various experts from all over the world presented their ideas and work on progress to support the cause. The final session was to present a research Paper/Article where two students from B.H. Gardi College of Engineering and Technology, Kinarkumar R. Patel and Ankit D. Ramoliya were the only researchers who were Under Graduate Students and were selected among the best 6 groups. Prof. Dr. K. N. Sheth, Dean of GTU gave appreciating regards for their work in "Evacuated Tube Solar Cookers". B. H. Gardi College of Engg. & Tech. congratulates both the students for their achievement.



The dignitaries from GTU were Dr. Akshai Agrawal, Vice-chancellor, Dr. M N Patel, Director, Dr. G P Vadodaria, Registrar and Dr K N Seth, Dean of GTU. The major topics discussed in the seminar are:

- Keynote speech by Shri Deepak Gadhia, Director, MSA Renewtech Foundation

- "Issues and challenges in Sustainable Energy by Shri Rajnikant Patel, Advisor- RCSC, GTU
- "Result of a user-study on energy consumption in Indian Megacities" by Prof. Dr. Reinhard Doleschal - University of Applied Science, Hochschule Ostwestfalen-Lippe
- "Creating 'Happy India' through Swadeshi Energy Industries" by Shri. V.K. Desai
- Wind Energy: by (Retd) Wing Cimmmander Shri C. G. Pandya

FACULTY ACHIEVEMENT

Recently, Prof. Shabir Parmar, a faculty of Communication Skills in the Department of Humanities & Sciences has cleared 9th GSET (Gujarat State Eligibility Test), conducted on 22nd September, 2013. Gardi Family congratulates Prof. Shabir Parmar for his achievement at the dawn of his career.



Prof. Muke s h Keshwani h a s presented a paper at DAE (Department of Atomic Energy), Thapar University, Patiyala and received the best presentation award out of almost 1600 participants. We heartily congratulate him for his great success.



Dr. Vishal Khasgiwala, Professor, M.H. Gradi School of Management has honoured as the session chair (Session Topic - Sustainability) & presented the case study on 'Baba Ayurveda: Yogic matrix to Sustainable Business Revolution!' In the Eleventh AIMS international conference on Management Theme 'Managing organization in Digital Era' on 21-24 Dec. 2013 at IMT, Ghaziabad.

