



# THE Gardi TIMES

time to step ahead...

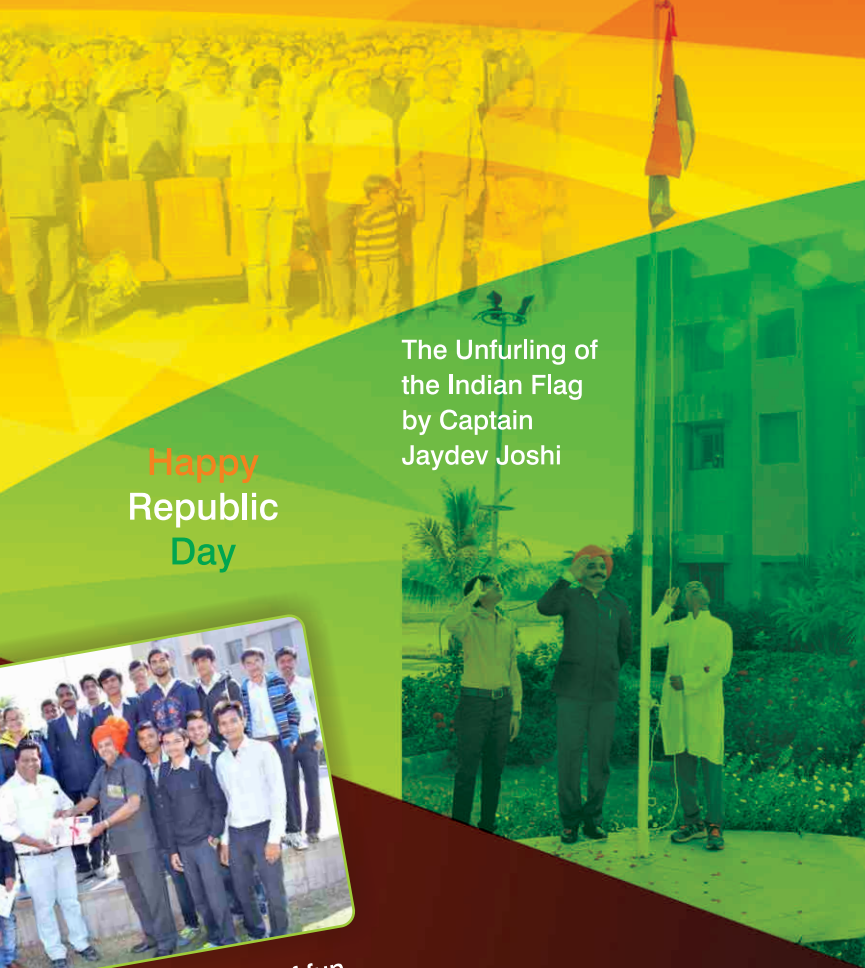
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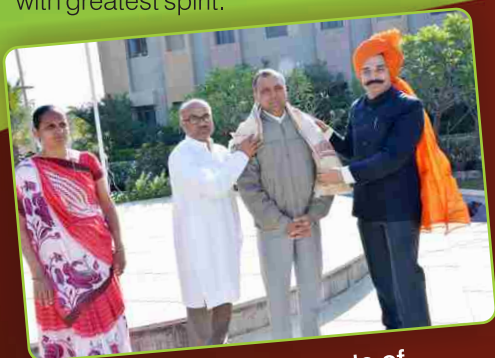
## Unfurling Patriotism and Love for The Nation

Republic Day, celebrated on January 26th every year, is one of India's most important national events. The 26th of January was chosen to honor the memory of the declaration of the independence of 1930. It was on January 26th, 1950 that the constitution of India came into force and India became a truly Sovereign, Democratic and Republic country. The country finally realized the dream of the Mahatma Gandhi and the numerous freedom fighters who, fought for and sacrificed their lives for the Independence of their motherland. The Republic Day is one of the three national holidays of India and the festival celebrated in the country with greatest spirit.



The Unfurling of the Indian Flag by Captain Jaydev Joshi

Happy Republic Day



Felicitating the Parents of the Martyr Hiten Dhesiya



The celebration full of fun Accompanied with the Prize Distribution...

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## ASME HPVC (Human Powered Vehicle Challenge)

Venue : DTU, Date : 16th, 17th and 18th January 2015

ASME (American Society of Mechanical Engineers) - a non profit organization which has 130000 members worldwide, organized a national level event named HPVC (Human Powered Vehicle Challenge) at Indian Institute of Technology - Delhi. We "The Gardians" enthusiastically participated in it with four teams namely "SAYUGAVAN", "PAVAN", "POISEDON" and "MECHATRINEERS".



Entering DTU and that too for an event like HPVC was like a dream eventually coming true. The staying arrangements were not

good but after complaining, there was an impressive display of the same. The atmosphere was fascinating. On seeing the college campus as well as the students, it seemed as if the team members were on the set of some movie, may be, "THREE IDIOTS". It was felt as if only those students had been pursuing "ENGINEERING" in literally sense but we were pretty sure that we would go home with a bunch of precious moments from this event. On the day prior to event, the probe of track was carried out the

Conti... page 2



Conti... from page 1 Unfurling Patriotism...



The Rank scholarship Distribution



Guest of Honour with Patriotic Fervor



The Republic Day is celebrated with much enthusiasm all over the country. To mark the importance of this occasion, **B.H. Gardi Vidyapith** celebrated Republic Day with full patriotic fervor. The Chief Guests of this special occasion were **Captain Jaydev Joshi** and his comrades. And the special Guests were the **Parents of the Martyr, Hiten Dhesiya**. After the flag hoisting ceremony by the Chief Guest, the National Anthem was sung by all. As per the tradition of the country, on this day, in remembrance of the martyrs and heroes who showed courage and bravery for country's sake without bothering their own lives, our **Honorable chairman D. V. Mehta sir** and **Captain Jaydev Joshi** felicitate the Martyr's Parents with shawl.

In the similar manner, continuing the tradition of Gardi Vidyapith, the rank scholarships are given away every year to the achievers of all the semesters as well as Stimulating Saturdays and non technical events winners were given away the prizes. The patriotic fervor of the students and all on this day brings the whole country together. The presence of the all made the occasion never forgettable.

- Asst. Prof. Anjali D Parmar



## CELEBRATION

### Sports Fiesta - 2015



**G**ardi Vidyapith believes in the development of the students not only in technical field, but also in developing their physical and mental ability and also implanting sportsman spirit into them. For inculcating the above qualities, Gardi Vidyapith, had organized a 3 days mega sports event "**SPORTS FIESTA - 2015**" from 24th January to 26th January, 2015 at Gardi Vidyapith campus.

The main sporting event itself comprised of the several fascinating events in the form of Outdoor and Indoor games like Cricket, Badminton, Volleyball, Chess, Carom etc. All the individual events were



Get...Set...Go...



High Fly Gaming





A Bird's Eye View



Master Minds



Practice Makes The Man Perfect



Crowd Cheering

successful in terms of participation of the students with an overall participation of more than 1000 from Engineering, MCA & MBA departments.

Gardi Vidyapith always lays emphasis on the development of women in every field. More than 200 girls participated in different games and proved themselves to be equally strong, physically and mentally.



India's Most Played and Liked Game



De Ghumake

The Prize distribution ceremony of "Sports Fiesta - 2015" had been organized on the 26th January, 2015 from 3:00 p.m. onwards in the convention Centre of Gardi Vidyapith. Winners of each and individual games of "Sports Fiesta - 2014" were distributed the Shields by Dr. Rajesh Wadhwa, the beloved Shree D.V. Mehta and Prof. S.B. Jadeja.



Tailor Made Gaming



Faculties Participation

Last but not the least, this sparkling event could not be possible without the tireless efforts of students and faculty coordinators of the various game.

**Faculty coordinators: Ashish Mehta, Dilip Moyal & Team**

- Prof. Ashish Mehta (EC Department)



We Are No Less!!!



Faculties Exhibiting full Zeal and Gusto



Participation Spirit at Its Best



Prize for Winners

## GETTING ADEPT

### Campus Placement Drive

**K**um. M. H. Gardi School of Management had organized Campus Placement Drive for Riddhi Display Equipments Pvt. Ltd. on 13/01/2015.



The company wants to scale themselves ahead in cut throat competition so company has six posts vacant in marketing domain.

In this placement drive R.D. Gardi College, University Dept., Rajkot participated.

**Mr. Paresh Ram**, H.R. Manager and **Mr. Gaurang Vadgama**, Business Enhancer conducted the interview flawlessly and

shortlisted 9 students for the director round.

**Dr. Vishal Khasgiwala**, The director of MHGSM stated to continue this kind of activity and suggested to emphasize on placement aspect for attaining ultimate objective of education. He also appreciated efforts of **Asst. Prof. Keyur Popat**, **Asst. Prof. Samir Dholakiya**.

- Assi. Prof. Keyur Popat (MBA Department)



## Visit of a Doctor

"Health is wealth" is an age - old saying. Following that, this year a new tradition has been adopted by the Gardi family. Every Sunday the doctor will visit the Hostel. It was started on the former Sunday 25th January 2015. Doctor BHAYANI has visited the hostel. As this was the first visit, he made the students aware about some symptoms that they must take care without ignoring them. It was really worth and nice experience. All were happy to receive this support and facility without going anywhere .

"Stay fit , stay calm, be happy and healthy"

- Mansi Dave (2 Sem CSE)



## GETTING ADEPT

### An Initiative to Create Responsible Citizens

It was the day of Christmas. Everybody enjoying the eve, doing shopping and cheering with songs but at the same time presence and ideology of Kum. M H Gardi School of Management was the highlight of that evening at and in association with Crystal Mall.

A small but responsible initiative taken by the students of Kum. M.H. Gardi School of Management of MAM Sem-IV through an effective role play and messages they were creating awareness about cleanliness amongst the visitors of Crystal Mall. Gohel Nishit and Raithatha Ruchi, the two Santas addressed to 1500 people at a time in crystal mall and made them aware about "swachhatamahatva".

The whole event started at 6 o'clock in the evening and was divided into two parts. In the first part, the students of MAM played role of Santa and met the visitors of the crystal mall personally and explained the importance of cleanliness in life. Not only that but they also took an oath signed by the visitors.

The second and important part of the event was the role play. On the stage, these two students has played a small role giving the



message that clean city is not a responsibility of the government only but it is the responsibility of each and every citizen. Here they have got the support stage of Red FM.

The whole initiative was appreciated by the visitors. This whole event was supported very well by other students of Kum. M H Gardi School of Management. In real sense, it was an excellent event to educate the people.

## Workshop on SMS Based Application Development

MWT Club organized 6 hours of workshop on SMS Based Application Development on 20/12/2014, 22/12/2014 and 23/12/2014. The objective of this workshop was to develop the application based on SMS using txtWeb platform. This workshop was taken by Prof. Milan Vachhani, department of MCA, Gardi Vidyapith for the students of CSE/IT Department. The topics covered in this workshop were overview of txtweb and SMS based applications, life cycle of txtweb application development, demonstration of application development in txtweb, publish and marketing the application.

**Staff Coordinator : Prof. Milan Vachhani**, Department of MCA

- Prof. Milan Vachhani

#### Outcomes: The students were able to

- 1) Learn the new framework (txtweb)
- 2) Develop the skill of making SMS based application
- 3) Create SMS based application and publish to real word.
- 4) Earn by participating contest in txtweb.





A small token of love to the honourable speakers for 'Empowering Us'...

Dr. Ketan Kotecha, Director, Nirma University emphasizing on 'The 21st century teacher'

Dr. Ketan Kotecha emphasizing on different techniques of teaching



Memories last forever...

Refreshing time with snacks and tea

Refreshing snacks



## EMPOWERING THE EMPOWERED

# Faculty Development Program 'BEYOND MEMORIZATION'

25-28th December, 2014

**A**s an aim to implement the Outcome Based Education, B.H. Gardi college of Engineering and Technology spreaded the learning through a **Faculty Development Programme - 'BEYOND MEMORIZATION'**. The key speakers and experts were **Dr. Ketan Kotecha, Director of Nirma University** and **Asst. Prof. Richa Sharma, the Nirma University**. The super talented, fountain of ideas **Dr. Siddharth Jadeja** and energetic and innovative **Prof. Sujata Wadhwa** were also the Key Speakers and the co-ordinators. The faculty members from different departments even shared their views on OBE and had a very contented discussion on different techniques of teaching.

The key speaker **Dr. Ketan Kotecha** focused on how the 21st century teacher should be, **Prof. Richa Sharma** emphasized on what are: Prejudice, Ethics, morals and Communication Skills while **Dr. Siddharth Jadeja** and **Prof. Sujata Wadhwa** had an interactive session of 2 days on different techniques of teaching as a part of OBE, the **Digital Immigrants and Digital Natives** and the transformation of digital immigrants to digital settlers.

- Prof. Parita Unadkat





Richa focusing on  
issues of teaching

Enthusiastic participants  
attending zealously

Laughter moments  
of participants



Spending time with  
audience

Teams presenting their views on  
DIGITAL NATIVES & DIGITAL IMMIGRANTS

The talented Prof. Richa Sharma involving audience  
with a talk on Non-Communication Skills



## GETTING ADEPT

### Workshop on Basics of ASP .Net as a Part of Training & Placement Activity

**B**asic knowledge of ASP .Net as well as SQL Server is critical things for the students those who are appearing in the interview process and have selected ASP .Net is the main domain to built up their future. So CSE/IT Department has given such a golden opportunity to the students to learn the basics of ASP .Net and SQL Server. And **Asst. Prof. Ajay Ardeshana** was the expert, who has provided this golden asset of knowledge in domain of ASP .Net as a part of Training & Placement Activity on the **19th, 23rd and 24th of December, 2014.**

- Prof. Milan Vachanni



## Celebration of 31st December

This time 31 December was celebrated very enthusiastically in the girls Hostel.

As 31 December is the last day of the year 2014 it was celebrated with fun and frolic. The rector Mrs. Pragna Mehta supported and allowed all to celebrate it in our girls hostel. We had a dance party and all the girls grooved in the air of joy followed by a cake cutting

by the rector to welcome 2015. The New Year was welcomed with happiness, hope, dreams, success and faith.

And we all in unison celebrated and enjoyed every moment blissfully and welcomed 2015 with new excitement and zeal.

- Mansi Dave (2 Sem. CSE)



## GETTING ADEPT

# One Day Workshop on "Structured and Object Oriented Analysis"

**D**epartment of CSE / IT / MCA, B. H. Gardi College of Engineering & Technology, organized one day workshop on "Structured and Object Oriented Analysis" (SOOA) on 10th January, 2015. This workshop was arranged for CSE / IT 6th semester and MCA 4th Semester students. **Prof. Kapil K. Shukla** conducted the workshop. He briefed about the workshop and delivered how to do system analysis using Structured and Object Oriented concepts. He also talked about the objectives and outcomes of the workshop.

Then he gave some knowledge on fundamentals of Data Flow Diagram and UML. He explained how to create the DFD, Activity Diagram, Sequence Diagram, Use case, Class Diagram, Collaboration Diagram.

During the workshop, the students were divided into teams and given an assignment to draw diagrams on drawing sheets.

The workshop was attended by more than 60 participants. All candidates had enjoyed and learned in the theory and practical sessions.

- Prof. Kapil Shukla



## SHARING TO SUCCEED

### Let's Join Hands Together: An Initiative from Gardians

It was a pleasure and a privilege for BHGCET to host one of the most prestigious Principals' Meet for the conduction and smooth functioning of grand and technical event

**GTU Techfest 2015.** This kind of informal gathering always helps in overall development of the institutes as well as the students, as opined by many attendees. Though BHGCET is the



An Informal Delightful Gathering

the distinguished super-brains, the principals of various institutes were invited and a meet was organized for the collaboration, suggestions and smooth functioning of the

GTU Techfest 2015 so that objective of harmonious development of the students can be fulfilled. The meeting was organized on 28th January, 2015 in the beautiful and lush green



Motivating The Motivators

Angan Restaurant at Rajkot.

Prof. Sujata Wadhwa (Head, CS Department - BHGCET) initiated the meeting with special attention to 21st century skills required by the present students and also briefed



Sharing is The Best

host of this fest but all partakers turned out to be enthusiastic contributors in the meet.

**Major highlights of GTU Techfest 2015 are:**

Open source software design competition

- Project competition on preservation of river using waste water management
- 24 Hours continuous events such as Hackthon , 24 hours design competition, unlimited electronics that really test endurance level of the participants
- Robotic event in technology for social goods such as Relief Robo



Inauguration of The Meet



Appreciating The Initiative

about the GTU Techfest 2015. The objectives of the GTU Techfest 2015 were also elucidated. The expectations from the various institutes for the success of the GTU Techfest 2015 were discussed by Dr. S.

B. Jadeja (Executive Director - BHGCET). Dr. S. B. Jadeja also emphasized on the importance of outcome based education (OBE) in professional education. At the end, Prof. Amit V.



Thanks for Your Valuable Suggestsions

Sata (Coordinator-GTU Techfest 2015) briefed about the major and the unique events of GTU Techfest 2015. The principals as

well as the representatives of the various 26 institutes enthusiastically shared their opinions and wished great success in GTU Techfest 2015.



Elucidating The Uniqueness

only be achieved by working in a team. To achieve this, BHGCET set an example by introducing a rare initiative **Let's Join Hands Together** for GTU Techfest 2015 in which all



Utmost Attentive and Concerned Partakers

- Prof. Amit Sata

## THE REAL GUARDIANS FOR GARDIANS

### Parents Meet



**Activity: Warm Welcome**  
Remember home will always be the first school to shape a child's career



**Activity: Information sharing regarding the Placement activity of Gardi Vidyapith**  
Tips on How can a fresher survive in the present era of cutthroat competition.



**Activity: Introduction**  
1 universe, 9 planets, 204 countries, 809 islands, 7 seas and I had privilege to meet you



**Activity: Drawing**  
Words are not enough to say



**Activity: Group making**  
Group of parents who are not just satisfied with consuming but they are guiding their children by making teams.



**Activity: Feed back**  
The key to success is hard work, determination and proper guidance with homely and friendly environment

## BEING SOCIAL

### Report on Aakash Tablet Training at Motavada Higher Secondary School

To fulfill the motto of "Digital India, Educated India", just supplying the digital devices in Rural Government School is not sufficient for the overall development of the students. They also need proper guidelines, demonstration & Training (i.e. "How to use the Aakash Tablet?").

So as an active remote centre of the IIT Bombay, B.H. Gardi College of Engineering and Technology, under the guidance of Prof. C.D. Parmar, Head of EC Dept., and Prof. P.D. Maheta of CSE Dept. arranged one Demonstration Workshop on 07/01/2015 again at Motavada Higher Secondary School, Motavada village near Khirasara. The students of Motavada Higher Secondary School already received their Aakash Tablet few months ago with an inaugural program in presence of IITB officials **Dr. Kiran Khosala and Dr. Rita Mehta**.

The workshop began at sharp 9:30 am with the introductory speech of Prof. P. D. Maheta; all the students came with their tablets having their battery fully charged and showed their enthusiasm to learn new things. Then the student coordinators of B.H. Gardi College of Engineering and Technology started Installation of e-books for 9th and 10th Std. Gujarat Board and Software like English to Gujarati Dictionary, GK, Quiz Competition etc. The facilitators observed that the students were too supportive, apt learners, quick and

responsive.

After the installation, Prof. P.D. Maheta and Prof. S.V. Santoki of CSE Dept. explained the use of each and every application as well as the benefit of keeping e-books in tablet and also brushed up the future of India in digitalization.

At the end the teaching staff of school and the students also thanked to **B. H. Gardi College of Engineering and**



B. H. Gardi College Students preparing for training the School Students



Prof. Prashant Maheta explaining the use of Aakash Tablet



B. H. Gardi Student Volunteers were happy to train the School children



Prof. Shantanu Santoki demonstrating the Aakash Tablet features to School Students



Prof. Prashant Maheta along with other Student Team members and the School Officials



Students enjoyed the training and were eager to use Aakash Tablet

**Technology** and its team for their continuous support towards the growth of the school. The workshop ended around 11:30 am with a big smile and a feeling of commitment on the innocent faces. Hope they will utilize it positively for their growth.

- Mayank Acharya (CSE Sem. 6 Student)

## GETTING ADEPT

# Implementation of Outcome Based Education for Kinematics of Machines

OBE is simply the establishment of expected goals or outcomes for different levels of elementary-secondary education, and a commitment to ensure that every student achieves at least those minimum proficiencies before being allowed to graduate.

### PREPARATION OF MECHANISM IN THE MECHANICAL WORKSHOP



For the subject of kinematics of Machines; 3rd semester Mechanical students were given assignment about synthesis and analysis of mechanism at the end of significant learning experiences. Outcomes are performances that embody and reflect the competence in using content, information, ideas and tools successfully. Thus outcomes describe the results of learning over a period of time the results of what is learned versus what is taught.

### SYNTHESIS AND ANALYSIS OF MECHANISM



The students were given Active learning Assignment where the mechanism was assigned to them; according to that they had to manufacture the mechanism. For that, first the synthesis knowledge is to be used. For the mechanism, the students were able to justify theoretical and practical answers. Synthesis, Time ratio, velocity and acceleration analysis were done.

Single Slider Crank Chain



Whitworth Mechanism



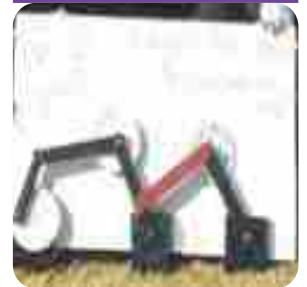
Crank and Slotted Lever



Toggle Mechanism



Double Four Bar



**Student co-coordinators** : Ahuja Mayur, Chirag Chudasama, Pandey Nitin, Manvar Kishan, Solanki Urvish, Brijrajsinh Sarvaiya, Ghadiya kishan, Evoriya Mahesh, Babariya Prayag, Gyamlani Harsh, Jadeja Jaypalsinh.

### FEED BACK

**Ahuja Mayur, Chirag Chudasama:** From this project we learned single slider crank mechanism and its possible inversions and first time related theoretical and practical analysis at our own.

**Babariya Prayag, Jadeja Jaypal:** At the end of preparation of a mechanism, we get a very good knowledge.

**Pandey Nitin, Lunagariya Yash, Manvar Kishan:** We had a good experience as it was knowledgeable. About many of the machines which can operate on this with worth quick return mechanism. We all are enjoying this type of practical work & further we can improve this mechanism.

- Prof. A. N. Dave

## TALENT TANK

### BIRDS

The most lovely creatures of nature are birds,

It is very difficult to describe them in words.

They are so cute,  
Even when they're mute.

Their melodious voice,  
Is everyone's choice.

They have beautiful feathers,  
And they sing and dance in every weather.

Sometimes,

They sit on broken swings,  
But they do not fall,

Because they trust their wings,  
Even if they're too small.

Cuckoo, parrots, nightingale and sparrows,

All live in nests,

And not in burrows.

It is a real fun to see,

Birds chirping on tree.

When we go nearer to watch them play,

They immediately fly away.

During winters,

They sought their shuttered nest,  
And stoop down to delicious rest.

They love to fly,

And realm both the earth  
and sky.

Colorful little creatures,

Adds to the beauty of nature.

So, let us all take a resolution to protect birds this season,

And stop killing them without any reason.

Happy kite festival to all

- Jill Pathak (4th CSE)

## FACULTY ACHIEVEMENT

(1) **Dr. Vishal Khasgiwala, Professor & Director of Kum. M.H. Gradi School of Management** Co-authored & published paper on "Is gender disproportion seen in impulsive buying behaviour", in International Journal of Business & administration research review ISSN 2348-0653, E-ISSN-2347-856X, Vol. 2, issue-7, pp 29-34, Oct. - Dec. 2014 with impact factor .314.



(2) **Prof. Milan Vachhani**

completed the Google Analytics Academy course: "Mobile App Analytics Fundamentals" and he has received the certificate for the completion of examination

(3) **Prof. Milan Vachhani** awarded with the title "developer of the week" for the application @gujaratjob in t x t w e b . c o m .



Congratulations!!!

(4) **Prof. Kapil Shukla** completed the Google Analytics Academy course: "Mobile App Analytics Fundamentals" and he has received the certificate for the completion of examination... Congratulations!!!

## CLICK PICK



- Bhavya Ratanghaida