



THE Gardi TIMES

time to step ahead...

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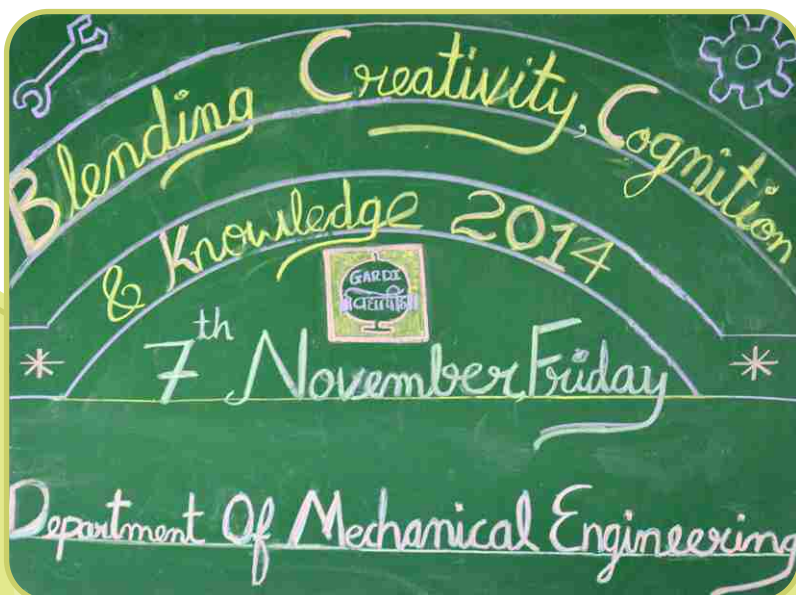
Blending Creativity Cognition & Knowledge

2014

A Technical Poster Exhibition

Aspiration behind this exhibition was to enhance the technical fundamentals of the students and demonstrate their technical skills in front of the experienced faculty members as well as Industrial Delegates. More than 590 final year students prepared posters explaining the basic theme, approach, and future aspects of their projects. About 17 industrial delegates comprising of top Technical Brass and HR Executives from various diversified industries were invited to interact with the final year students.

These students who formed about 170 groups had initiated the Shodhyatra in different regions of Gujarat. Total 71 groups of final year students had opted for Industrial Defined Problems (IDPs) in more than 55 diversified Industries, and other groups were guided on different industrial and social issues by well-experienced faculties of BHGCET. The pre-final year students also visited the exhibition to get acquainted with the critical industrial issues and their impact.



"Blending Creativity, Cognition & Knowledge 2014" - Technical Poster Presentation organized by Department of Mechanical Engineering on 7th November 2014.



Future Technocrats sharing their thoughts with faculty.



As per Gardi Vidyapith tradition welcoming of Mr. Suresh Vala (Manager-HR) from Doctor Pumps, Rajkot.



Presentation of projects fulfilling Industry requirements- RFID based automatic vehicle parking.



RFID head of Gopal Namkeen, Mr. Amit Hirani guiding and sharing knowledge with students.

GETTING ADEPT

Exercise on Ideation Canvas & Hands on Exercise on Product Development Canvas

There is no second opinion about Gardi Vidyapith's recognition when it comes to novelty, ingenuity and originality of the students. On 8th November 2014 Gardi Vidyapith organized an event on "Ideation Canvas Exercise and Hands on Exercise on Product Development Canvas". 190 students took part in it very enthusiastically.

Showcase of passion towards engineering with the panorama of inventiveness.



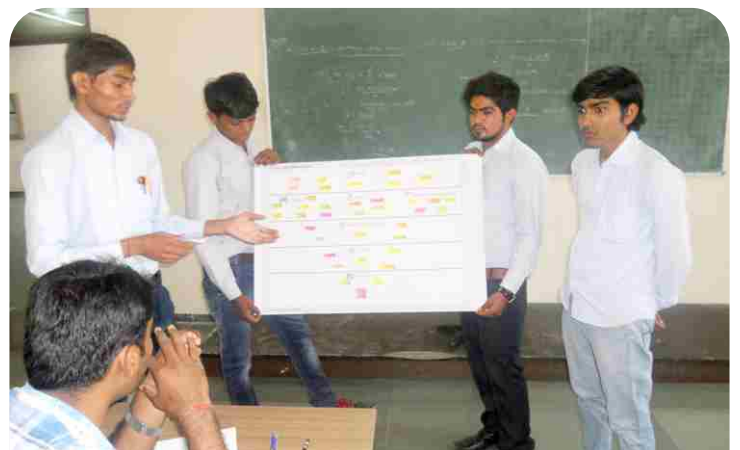
Evolving Novelty of the Guardians



Amalgamation of Abstract thoughts and veteran guidance



A Group photo after the successful completion of the Exercise. "Hip Hip Hurray"



Students Presenting their Canvas

Conti... from page 1 Blending Creativity...



Inauguration of the Poster presentation event of CSE/IT Department by **Mr. Nilesh Kikani, Project Manager, Logistic Infotech.**



Mr. Bharat Bhura, Project Manager, Evolution Infoway along with Prof. Prashant Mehta candidly perceiving the spirited work done by the 7th CSE students to highlight their ideas on posters.



Mr. Chintan Adatiya, Project Manager, Logistic Infotech was interested to get involved in earnest interactions with 7th IT students about their project implementation ideas.



Mr. Hemendra Der, Project Manager, Azyor Inc. along with Prof. Aarti Rathod complemented the students' approach for the poster presentation as fabulous with new and fresh ideas. He also appreciated students' efforts and encouraged all to keep on conducting such events in future.

A few of the highly acclaimed projects include:

- The Electric Wheel Chair for physically challenged people, to climb the staircase with full control and stability, proposed by the students of Mechanical Engineering.
- The EC Engineering students' novel concept of PLC and SCADA based irrigation system for gardens, to control different valves & monitor the plant growth.
- An extended application of PLC and SCADA, proposed by Electrical Engineering students, to monitor the water level in an industrial boiler.
- The CSE students' exhibited the concept of collaborative engineering in Android based Casting Defect Analysis System useful for the casting foundries.



Prof. Amit Ved encouraging the efforts given by students.



Mr. Nilesh Kikani, Project Manager, Logistic Infotech accompanied by Prof. Hemal Rajyaguru and Prof. Vaibhav Gandhi appreciating the posters made by the students of 7th IT.



Mr. Dharmesh Gajera, Software Developer, Attraction Info., interacted with the students on the guidelines for developing the project according to various platforms and also shared his views with each group very interestingly.



Welcoming the guest with wholehearted by students.



The students showcasing their talent to the experts.



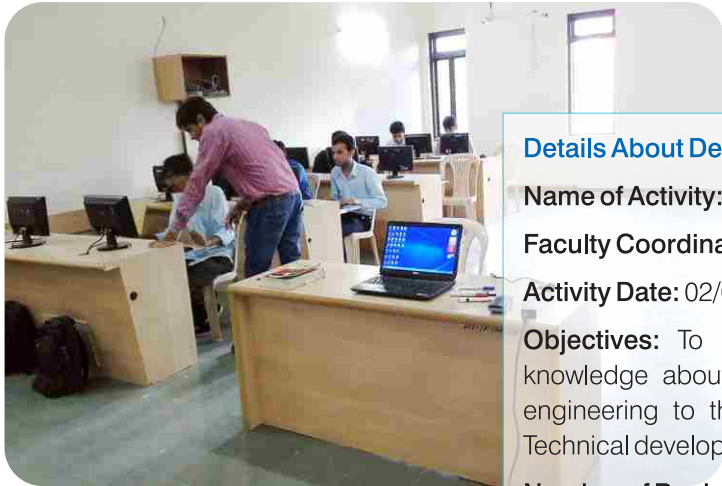
Mr. Nitin Patel, Project Manager, Career Infoway, accompanied by Prof. Vaseem Ghada, observed all the projects with utmost attention. According to him many projects' functionalities seemed to be very useful for solving practical day-to-day problems.

Conti... page 7

GETTING ADEPT

Design Day Activity

With the aim of technical development, to provide the fundamental knowledge of mechanical design engineering, the Mechanical department organized **The Design Day** for the students of 3rd, 5th and 7th semester.



Details About Design Day Activity:

Name of Activity: Design day

Faculty Coordinator: Prof. J D Fadadu

Activity Date: 02/08/2014

Objectives: To provide fundamental knowledge about mechanical design engineering to the students for their Technical development.

Number of Registration: 98

Number of Students Participated: 81



- Prof. J D Fadadu, Prof. A G Sharma, Prof. N K Meghapara, Prof. P G Paija, Prof. M B Vaghela, Prof. A V Tiwari

Water Rocketry - Presentation Event

The department of Mechanical Engineering arranged Water Rocketry - Presentation Event on 11th Oct., 2014 in association with ASME BHGCET Student Section. The objective of the event was to develop communication skill, thinking ability and to increase self confidence among the students. It also helps students to connect classroom teaching with practical requirements. This event was the 2nd phase of water rocketry event. In 1st phase the students prepared the

rocket and launcher to cover maximum distance as well shoots the target. After successful completion of the event, the idea was given by **Dr. S.B. Jadeja** (Executive Director) to announce 2nd phase where students have to justify their design calculation, selection of materials, reasons for their success or failure in power point presentation form. The students presented their concepts in an elaborated manner.

- Prof. Mehl Pujara, Assistant Professor (ME Dept.)



EMPOWER WOMEN

Empower Women Council : Changemaker's Challenge

Enthusiastic, keen and involved audience



Future leaders of Gardi



Curious to know the immediate results



Voting is the most precious right of every citizen, and we have a moral obligation to ensure the integrity of our voting process.

The recent surge in demand for online voting options is not surprising, given the benefits it provides:

1. Empowerment
2. Accessibility
3. Cost effectiveness
4. Security and confidentiality
5. Transparency
6. Accuracy and expedience

Moving ahead with the same idea, Ms. Hiral Ganatra and Prof. Sujata Wadhwa, took a front step to implement and facilitate e-Voting to elect President and Secretary for Empower Women Student's Council.

PROPAGANDA MUST BE TOTAL. All the contestants, very precisely & enthusiastically, conveyed their idea showing their urge for women empowerment. Thereafter, with the help of faculty coordinators namely, **Prof Riddhi Pandya, Prof. Monica Shah, Prof. Rekha Teraiya, Prof. Priya Jain, Prof. Srushti Bhatt, Prof Kapil Shukla, Prof. Shantanu Santoki and Prof. Nilesh Makwana** the process of eVoting was executed well.

- Hiral Ganatra

Incredible, amusing and unbelievable are words that defines success of e-Voting.

Voting is civic sacrament



Complete participation in voting



GETTING ADEPT

Skills Enhancement

The Department of Mechanical Engineering organized 'Skills Enhancement Day' on 11th October, 2014. It provided the opportunity to have the knowledge to develop and strengthen the necessary skills to gain, maintain, and advance in a chosen area as a part of stimulating Saturday.

The objective of the activity was to increase the software skills of 1st semester students. Upskill session on Microsoft Excel was arranged, which is one of the most popular software applications worldwide. After completing this, the students



would be able to solve mathematical problems by typing simple formulas, use cell references in formulas, use functions (prewritten formulas), and would learn how to draw graph in Excel etc.

With the objective to learn how to find information easily on internet Upskill session on efficient Google searching for the students of 3rd semester was arranged, where they would get the tips to improve that human element and better their internet search skills, which would save their lots of time while surfing on the internet.



To Upskill students of final year session on software LaTeX was arranged where they would learn different features designed for the production of technical and scientific documentation. The response of the students was positive and more than 130 students participated in the activity.

Details of the activities are as follows:

- Upskill session on 'Basic Tools and Functions of Microsoft Office Excel' by **Prof. Ankush Sharma** and **Prof. Manoj Vaghela** for the students of 1st semester.
- Upskill session on 'Efficient Google Searching' by



Prof. Vaibhav Gandhi for the students of 3rd semester.

- Upskill session on 'Learning report writing and presentation preparation in LaTeX' by **Prof. Nikunj Domadiya** for the students of 7th semester.

Contentment on the faces of the students after completion of their respective activities was remarkable. Entire activity was well planned as well as executed by the **Prof. Yuvrajsinh B. Kanchava** and **Prof. Tejas A. Bhatt**.

- Prof. Yuvrajsinh B. Kanchava (ME Dept.)

Conti... from page 3 Blending Creativity...



To be entrepreneurs highlighting their talent on posters.



Relaxing (but still prepared to interact and present) during the break time.



Clapping... showing gratitude towards the guest.



To be engineers, showcasing their talent with utmost dedication and sincerity.



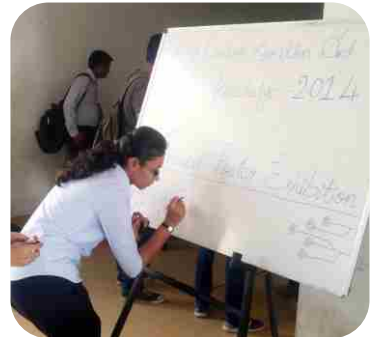
First years students took the event as an opportunity to nurture some ideas for their future final year projects.



Unity in support of creativity and enthusiasm for the vibrant task of Poster creation.



An intense but encouraging and candid interaction between **Mr. Bharat Bhura** and the 7th IT Students.



Preparation of the event during the early beginning of the vibrant day.

Shaping and Finalizing their Projects



Mr. Chirag Raval owner of Hilarious Co-operation Pvt. Ltd. Rajkot admiring work of students.



Mr. Deep Trivedi, owner of Deep Metal Cast Pvt. Ltd. Rajkot discussed the problems faced by students during project.



Mr. Mahendra Pandya, Director of Jay Metal Craft has given time to understand & guide our students for their project.

Exchange of ideas, words and experience between students, faculty members and Industrial delegates





Director S.B. Jadeja enhanced students' co

Personal Assessment

A Personal Assessment helps us to prepare ourselves to "Nail" any interview and secure the job with our dream company we want. It's a process of self-assessment and allows us to be as objective as possible in gauging our qualifications. The assessment will help us to understand more about ourselves - our abilities, personality, interests and much more and this can be an effective means of making a career choice and increasing career satisfaction. To achieve this goal, B.H. Gardi College of Engineering & Technology had arranged the unique event, **Personal Assessment for the students of 1st Semester.**

As we know Practice sessions can help preparation for a forthcoming assessment centre or testing session, so keeping it in mind, had also arranged various activities/ practice sessions such as Debate, Paper Reading, Extempore, Group Discussion, My choice: One Minute. The students had participated with full Zeal and Gusto. There was a selected team of flourishing, ever learning, friendly and expert faculties **Prof. Shrushti Bhatt, Prof. Shwetal Pandya, Prof. Riddhi Pandya, Prof. Mehul Poojara, Prof. Amit Ved, Prof. Hiral Ganatra, Prof. Jatin Ambasana, Prof. Hemal Rajyaguru, Prof. Komal Fulwani, Prof. Dilip Moyal, Prof. Anjali Parmar, Prof. Parita Unadkat** from different departments to encourage and guide the students for various activities.

- Asst. Prof. Anjali Parmar,
Asst. Prof. Parita Unadkat (ELE)



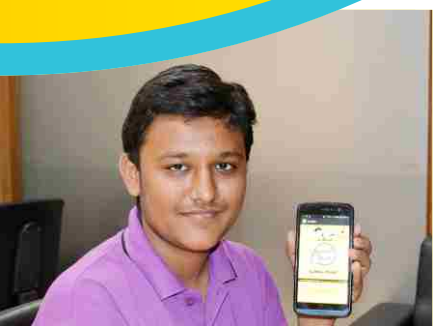
Personal Interaction of the students conducted by Director S.B.

Feedback from **Heeranmayee Kamdar**, Deputy Manager HR & Legal, Amul Industries Pvt. Ltd.

I couldn't have asked for a more enjoyable time than I had at your college. We are fortunate to have such wonderful & thoughtful people in the field of education. My sincere thanks for having me at your college. It gave me a chance to catch up on the news and get acquainted with your college. I hope I didn't impose too much on your busy schedule. Thanks again for your warm hospitality.

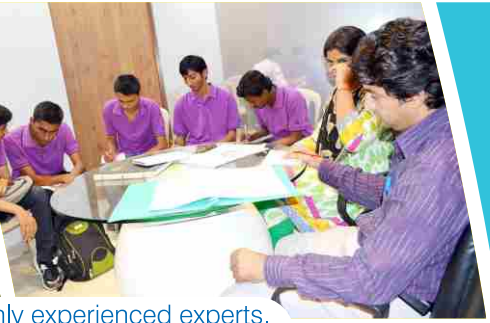
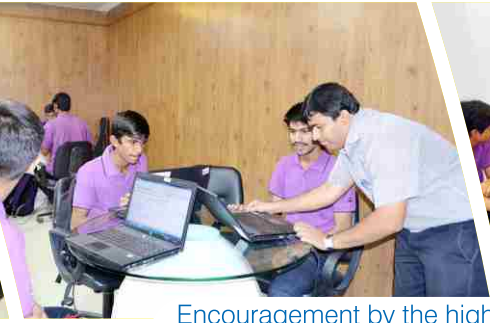


Prof. Sujata Wadhwa motivating students for the day





Confidence regarding **Personal Assessment**



Encouragement by the highly experienced experts.



B. Jadeja and Prof. Sujata Wadhwa.



Enthusiastic participation of the students.



Students revealed their art of Illustrations with vibrant colours.



GETTING ADEPT

Thermal Day

The Department of Mechanical Engineering has arranged Thermal Day on 27/09/2014 for 3rd, 5th & 7th semester students. The main aim of the event was to enhance the technical knowledge of different area in the field of thermal engineering among the students. The response of the students was enormous and more than 108 students of 3rd, 5th & 7th semester have enrolled for the event.

"Design Standards & Parametric Analysis of Power Plant Heat Exchanger"



"Basics: Types of Cryostat & it's Application"



Overview & Energy Analysis of VCR system"



"Designing and Modeling of Shell & Tube type Heat Exchanger"

Feedback from the Participant: It is very helpful for me and sir guided us perfectly. I totally appreciate this type of workshop. It is very helpful for all of us. **Kartik D. Bhatt.**

Feedback from the staff: The students really enjoyed this activity and they carried out each task enthusiastically. **Prof. V.K. Mehta**

- Prof. Paresh Kasundra

COMMEMORATING CULTURE

Celebrating National Unity Day/Rashtriya Ekta Diwas @ Gardi Vidhyapith

The schools and universities in the national capital had organized several cultural events to celebrate the **Rashtriya Ekta Diwas** commemorating the birth anniversary of **Sardar Vallabhbhai Patel**. The government had announced that Oct, 31 will be celebrated as the Rashtiya Ekta Diwas, where the **Prime Minister** will flag off the "Run for Unity" and also administer pledge of "unification and internal security". All the universities were sent notification by the ministry of human resource development (MHRD) suggesting several events that could be organized to mark the day.

To commemorate his unforgettable contribution to national integrity, unity, safety and security, Gardi Vidyapith had organized **POSTER MAKING COMPETITION** on 31st October, 2014 for all the students on the theme of "**Strengthen the National Integrity.**" The venue for this was ELE lab and Lobby area, MBA building, 2nd floor. The students participated with zeal and gusto. They were provided with sheets and were allowed to use the colors and other materials. The students made enticing and appealing posters which yelled the theme quite apparently. It had been very successful and overwhelming experience.

Asst. Prof. Anjali D Parmar and **Asst. Prof. Parita Unadkat** supervised the event and appreciated the efforts of all in making this event a successful one.

- Asst. Prof. Anjali D Parmar (ELE)



GETTING ADEPT

Let's Love Letters : Report Writing Workshop

Good ideas do not get attention that they deserve and that happen many times due to deficiently organised and wordy reports. Sometimes imperfectly written reports hide the information and important messages are lost. To write effective report "Report Writing Workshop" was organised on 22nd November, 2014 by mentor **Prof. Sujata Wadhwa**, Head, ELE Section.

The guidelines given during the workshop are surmised as follow:

- Ensure that reports are well structured, that they run logically and give the impression of being professional.
- Reports prepared are easier to read, and therefore effortless to understand.
- Decide what to include and what to leave out.
- Use a variety of methods to present your information.

The session was ended with group activity called canvas preparation to showcase the information, the creative outcome.



Extra ordinary is ordinary with a little extra

Never stop wondering and asking questions

Happy Sharing

The journey of thousand miles begins with a single step

Seeds from yesterday:
Feeding future

GETTING ADEPT

Know Your Components : Touch-Connect-Understand

The objective of this activity is to upgrade the technical skills of the students and to make them aware of different electronic components along with the different testing techniques.

In this activity, the students were given various components and asked to complete the different tasks given to them.

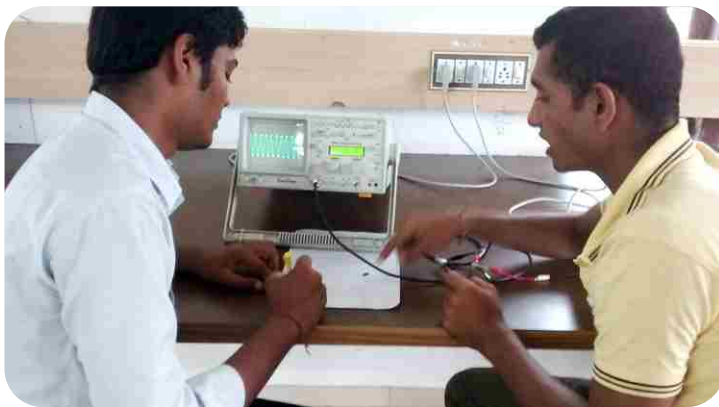
Task-1 was to identify the various components given to



asked to test them using different testing methods with which they are familiar. Also they were asked to list out parameters that they had measured during testing of the component.

Task-3 was related to the connection of these components in the circuit and then analysing few parameters.

The students improved their knowledge about the



them and then they were asked to list out various applications of the same.

Task-2 was to identify the component and testing them for proper working. They were given few sub tasks. The student participants were provided different types of passive components like R, L, C, switches, diodes etc. And they were



identification of the passive electrical components, testing of various components by connecting them in to the circuits and also learnt about how to analyze the data sheet of particular component with their applicability in the circuitry.

- Ankit Raythatha, Paras Raval (Electronics & Comm. Dept.)

Conti... from page 12 Writing Workshop...

Apt Response from the benefitted participants:

1. Mehul Poojara

"I must say it was great time to be participant in workshop. It was nice way to discuss about "How to write Report?" The workshop has given concept about points to be keep in mind while writing the report. It was an excellent exercise. The workshop was truly based on "Learning by Doing".

2. Ridhi Pandya

"I feel privileged to be a part of the sparkling report writing workshop held on 21st-NOV-2014. It was really a worth to be there. I found so many new words to enrich my vocabulary.. Thank you so much for providing me this kind of opportunity to represent my creativity on canvas.... It was wonderful to work with you. The session was full of enthusiasm and excitement. I enjoyed the concept of enjoy learning while learn or teach... really its worth.

3. Jignesh Dave

I would like to say that I learned a lot from the workshop. Specially

the importance of the words used in the standard reports. I also came to know the beauty of language using different words differently. So, to learn more and develop the reading of good books I also started reading non-technical books for achieving command over language. Overall very nice experience of the workshop.

4. Komal Fulwani

It was an awesome experience as I got my childhood back after so long time, thank you so much for giving me such a beautiful moment. I have learnt few things which will be very useful to write the report and come to know so many things about myself from the activities.

5. Arti Rathod

Report Writing Workshop was really so much Live and during the workshop all the 3 activities were really so much effective and during the poster making activity we tried to apply our creativity as well as we learned to improve the same.

- Prof. Komal Fulwani, Prof. Mehul Poojara

STUDENT'S ACHIEVEMENT

Florlic'14

Darshan Institute of Eng. & Tech. had arranged technical fest on 6th Sep. 2014 for all Eng. & diploma students. More than 700 students participated in this event. There were more than 100 participants in 25 teams from different collages in Robo Soccer event. Every team was supposed to make a Robo which should be able to play football by dragging or pushing ball. At last, 2 teams got selected for the final round.



At end of the event, the students of 3rd mechanical department **Harsh Vekariya, Darshan Vasoya, Harshid Marakna & Yatin Shingala** secured 1st position in Robosoccer.



ISTE National Convention'14

On 10th & 11th October, VVP Engineering college, Rajkot organized **17th NATIONAL ISTE CONVENTION** and invited several institutions all over India. Around 3000 student participated. The students of Gardi Vidyapith rocked there and won all the competitions.



Darshan Vasoya, Harsh Vekariya, Harshid Marakna

ROBO PUZZLE

In robo puzzle every participant had to prepare a manual robo which should be able to solve track of puzzle. There were total 350 participates from different 92 teams from different states. Gardi Vidyapith got **2nd** rank in this event.



ROBO RACE

In this event, participants had to prepare wireless manual robot, which can complete track in minimum time, track includes hurdles like oil, slop, bridge, sharp turns, sand, etc. There were 600 participants in this event. Gardi Vidyapith got 2nd rank in this race.

GTU TECHFEST'14

GUJARAT TECHNICAL UNIVERSITY organized techfest, which was held at V.V.P Engineering College on 28th & 29th March'14. Around 2000 students of several colleges under GTU ZONE had participated.

ROBO PUZZLE

In this event, participants had to prepare a manual robo which could solve puzzle in minimum time. Total 250 students participated in this event. There were 3 rounds in the competition.

The students of 3rd mechanical dept. **Harsh Vekariya, Drashan Vasoya, Harshid Marakna** Completed track in **ONLY 47 SECONDS** and bagged **1st position**.

CELEBRATIONS

Clean India, Green India



'D. V. Mehta sir' the honorable chairman, inspired the youth for cleaning by doing the same.



Satisfaction of being responsible citizens of India.

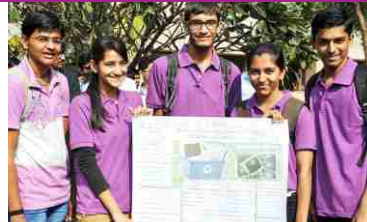
Cleaning each & every corner of the campus.



A generous thought of just to do something removed the gap between students and Faculty members.

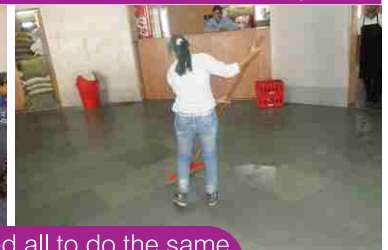


By poster making, gardians proved that creativity has no boundaries.



A small effort of Gardi Vidyapith to pass the message of cleanliness.

Salute to our enthusiastic youth.



Dreaming for clean and green India Enthusiastic gardians started cleaning campus and inspired all to do the same.



Gardi Vidyapith fulfills the moral responsibility, "it's time to step ahead".

Conti... page 16

SPREADING COLOURS

Stages of Life

Life is a journey from earth to earth,
 It's adventure starts right from your birth.
 first stage is childhood full of innocence,
 at this stage he learns many lessons.
 He learns the difference between heart and mind,
 he move on directions of the world which is blind.
 Second stage is teen age,
 there he finds fun and rage.
 At this stage he want everything to own,
 Life with friends away from home.
 Third is young age best of all,
 this is the stage where he finds his goal.
 He dose not realises wrong and right,
 because he moves on the world of shine and light.
 Fourth is the old age short and sweet,
 full of experience with stick as third feet.
 He shares his knowledge but no one is there,
 he meets the reality unable to bear.
 Last is independence from rules of world,
 At last the stage came he waited from birth.
 Now he is dead but still alive,
 At last I can say this is LIFE...!

- Palak Chandarana (1st sem CSE)

CLICK PICK



Conti... from page 15 Clean India, Green India...

The government of India has launched their ambitious project for inspiring people to create and spread awareness about the need for cleanliness.



एक कदम स्वच्छता की ओर

It is true that cleanliness is not related with richness or poverty. Cleanliness is an inner attitude of a person.

Being an education institute, we have an opportunity to create a positive impact on the students, let the students know how we can lead to a better life, in all the aspects. With this motive, let us all join hands together, and create a clean campus under the national banner of **Swachchh Bharat Abhiyan**.



A Shower of blessings to motivation



- Hetal Dhanak, Vidya Aiyar (CSE 1st sem)