THE Gardi TIMES

time to step ahead…

Inaugural Ceremony of GTU Techfest-2015

The inauguration of the Gujarat Technological University Techfest-2015 was held on 23rd Feb. 2015 at Gardi Vidyapith. The Honorable Vice Chancellor, GTU, Dr. Akshai Aggarwal was the Chief Guest, Mrs. Shakuntala Aggarwal (Wife of honorable vice chancellor), Mr. Madhukar Sharma (President of ASME India pvt. ltd), Mr. Ajay Kumar (ONGC, Delhi), Ms. Suji (Manager, Operation and Training, Oracle), Ms. Sneha Thakker (Director, Thakker Technologies Ahmedabad), Mr. Sidharth Jain (From Siemnes), Mr. Prakash Dalsania (Engineering Manager, GE Power, Bengluru), Mr. L. M. Mavani (Sr. Manager Utility, Nirma Chemical Bhavnagar) Mr. Sanjay Dabhoya (Director, Solwin Infotech, Surat) presided over the function.

Subhaarambh

@ Gardi Vidyapith

Floral Welcome of Dr. Akshai Aggarwal, V.C., GTU

UNCEASING ENGINEERING
A 24hrs Play Off

AIM: To improve the self-confidence and problem solving techniques by following punctuality and critical thinking with the usage of creativity plus innovation, which will be beneficial for the professional development of the students.

HACKATHON

HACKATHON, the 24 hours coding competition is the most challenging competition for all the participants. Not only testing the technical points like Coding efficiency, Knowledge of Domain, Team work capabilities, additional objectives of this event are to test the working stamina of students and to check the originality in coding because they need to complete one very useful application in their selected domain within 24 hours only.

Mr. Sanjay Dabhoya, CEO, Solwin Infotech, Surat did accurate evaluation of each team in Hackathon and also guided the students with professional software development tips

Review of the student:

"The most challenging experience of life which is very much supportive to shape our skills & career in many ways."

- Yash Sompura (Government Engineering College, Rajkot)

Appreciation by the expert:

"The extra ordinarily brilliant platform given to the future engineers with challenging opportunity. The hospitality of event coordinator and the organization is outstanding."

- Mr. Sanjay Dabhoya, CEO, Solwin Infotech, Surat

More Than 20 Teams participated in the First Round of Hackathon which was a MCQ Test

UNRESTRICTED ELECTRIFICATION

The main objective of 24Hrs Electrification was to give real time field experience to do the electrification of Industry to the students. In this event the industrial load was given to the students and the students had to do the work throughout 24hours for electrification purpose. it was a challenge for them to do the electrification in 24 hours. The students were very much enthusiastic and very keen to complete the given task.

Review of the student:

"24 hours electrification is a practical competition and we have learnt many new things from it"

- Sandeep Singh (B.H. Gardi college of engineering and technology, Rajkot)

Review of the Expert:

"The platform given by Gardi Vidyapith to the students is remarkable, the organizing committee has done very good work and according to my opinion this event should be continued with micro level"

- Mr. Naresh Patelia (Rajkot Municipal Corporation, Rajkot)

Inaugration of 24hrs Electrification Competiton by Mr. Naresh Patelia

Student doing the work for 24hrs Electrification

UNLIMITED ELECTRONICS

"Innovation happens when people have freedom to ask questions & the resources & the power to find the answers"

This event was organized to enhance skills like industrial project design, development capabilities, team work, problem solving ability, coding style and decision making amongst the participants of various engineering streams.

From this skills complex hardware and software can be designed and students can reach up to product end design process.

Students trying to Solve Problems during the Design Process

Review of the student:

"To be judged by the industrial personas and again to get advises for the best possible solutions from them is very helpful"

- Students from Atmiya Institute of Technology

Review of Expert:

"This type of events help students to be compatible to industrial standard and apply their innovative ideas for the design"

- Mr. Pinkesh Parmar, Mr. Bhavin Bagthariya (Mecintell Pvt. Ltd.)

Students Explaining their work to the Industrial Judge

PERSISTENT DESIGNING

The main aim of the event was to develop and judge mechanical designing skill, thinking ability, knowledge of industrial design & drafting capacity to prepare design continuously 24 hours without rest, increase self confidence among the students and also provide them a real time field experience of Designing industries.

Outcome: After completion of this 24 hrs Design Competition, the students are able to communicate their idea in terms of design using AutoCAD and Creo modeling software. It aids participants in acquiring skills that will be help them in detailed engineering drawings (2D) & basic 3D models with assembly joints and static, kinematics and dynamic analysis of the assembly.

Inauguration of 24 hrs Design Competition by Mr. Mukesh Panchasara (Rupkala Engineers Pvt. Ltd, Rajkot)

Interaction with Industrial Delegates regarding Challenges of an Industrial Design Engineer

Students Designing in 24 hrs. Design Competition with Active Learning

PROJECT COMPETITION
A War of Technology

Epigrammatic Thought:

The event invites participants from various disciplines of degree and diploma engineering colleges to demonstrate their innovative ideas in the form of projects to compete in a very healthy atmosphere to exhibit their talent. The event was subdivided into 5 main branches named Computer/IT, EC, Electrical, Civil & Mechanical.

Event Endeavors to:

Impart project/product based learning along with improvement in participants' technical and presentation skills. This helps in bridging the gap between industry and institute to produce industry-ready engineers for the betterment of industry and society.

Outcomes of the Event:

- Job-ready engineers
- Upgradation of the students presentation & technical skills
- Stimulus to innovate & create
- Inspiration for entrepreneurship

Statistics given below proves Awe-inspiring response from all over the Saurashtra zone

Department	Total no. of projects	Total no. of participants
Civil	22	64
Computer/IT/MCA	30	80
Electrical	26	85
E & C	40	101
Mechanical	17	61
Total	135	391

Industry Academic Collaborations:

Electrical:

Mr. Jasan Hirani - Real Ceramic Pvt. Ltd., Morbi

Mr. Amiya Thakor - Epicore Corporation, Ahmadabad

Mr. Pankaj Shingala - Ultracab (I) Ltd., Rajkot

Electronics & Communication:

Mr. Pravin Ginoya - Tata Teleservices Pvt. Ltd., Rajkot

Mr. Amit Virani - Gopal Snacks Ltd., Rajkot

CSE, IT, MCA:

Mr. Niraj Doshi - Infostrech Solutions Pvt. Ltd., Ahmadabad

Miss. Dipali Vasani - Infostrech Solutions Pvt. Ltd., Ahmadabad

Civil:

Mr. Atul Bhalodiya - Town Planning Dept, Government of Gujarat.

Mr. Anand Dagli - Tirth Enterprise Pvt. Ltd, Ahmadabad

CIVIL ENGINEERING

Students' Feedback:

This project competition provides a good platform to display our project and it was a nice experience for us in Gardi Campus for 2-days.

- Aditi Mehta (Sir Bhavsinhji Polytechnic Institute, Bhavnagar)

This competition raises our confidence level and it is useful for develop our inherent engineering skills.

- Vrundan Ghodasara (B.H. Gardi college of Engineering & Technology.)

The students from B.H. Gardi College of Engineering & Technology made a project on 360° rotating house. The working model of the house is rotating 360° from season to season.

Participants explaining their projects in front of visitors

Students explaining the theme in front of Industrial Delegates

Feedback of the Industrial Delegates:

We are always eager to encourage this type of event for the future engineers of India.

- Mr. Anand Dagali (Tirth Enterprise Pvt. Ltd. Ahmedabad)
- Mr. Atul Bhalodiya (Town Planner Government of Gujarat)

CSE/IT/MCA

An effort cannot be accomplished without the guidance of good teachers

Winner Track 1 (Degree/MCA): Smart Wi-Fi hotspot system

Developed by Mitul Gadhiya and Prakash Gujarati. This router product automatically creates the public Wi-Fi AP where user logs in using a Facebook or Google account. It is publically shared by all the users and guests of café, hotels, restaurants etc. It is also a captive and tracking device which keeps a track of the usage of each and every user and keeps its database updated.

Winner Track 2 (Diploma): Learning Center

Developed by Somaniya Bhakti, Barad Dinesh and Rathod Pratik. They have made web portal called Learning centre. This includes all the material, e-learning websites, video tutorials, online study material etc. of particular subject, everything at one place.

CSE-IT-MCA Project Evaluation was done by Mr. Neeraj Doshi, Sr. Developer from Infostretch Solutions Pvt. Ltd.

Judge's View

" It's a privilege to be a part of B.H. Gardi College of Engineering and Technology, I want to congratulate the whole Gardi team for arranging this kind of grand event and providing the best platform to the students to showcase their talent. Projects were so good and up to the mark, they have worked very hard. Students have done a really good job. "

- Dipali Vasani, Sr. Developer, Infostretch Solution Pvt. Ltd., Ahemdabad

Student's Perception

"It has been a very good experience to take part in project competition held in B.H. Gardi College of Engineering and Technology. All the coordinators are so helpful and so supportive. The judges are from the industry so that students can directly interact with the industry experts which is the best part of the whole competition".

- Mitul Gadhiya , MCA Students, Atmiya Institute of Technology and science

EC ENGINEERING

Few of the eye-catching projects in EC Engineering

"Smart System For Autonomous Car", "Smart Wheechair","3d LED Cube", "Persistence Of Vision", "Propeller Clock", "Bluetooth Controlled Robot", "Cell phone Detector", "SAMVEDNA- An Interactive System For Differently Able People" & "HUMANOID LEG"

Winner in EC branch: "HUMANOID LEG"

Developed by Mohit Shukla of B H Gardi College of Engg & Tech won the competition. As the name indicates the robot walks and works like humans only. It can be used in industries, homes, hospitals to perform variety of tasks which are risky to be carried by the humans.

Welcoming the Judges

Participants with their Project

Participant's voice:

"I am feeling motivated & inspired by participating in the event. We are overwhelmed by the overall management, coordination and hospitality provided by the college management. If possible, I will take admission in this college only for my UG program."

- Punjani Kinjal, Government Polytechnic, Jamnagar

Judges view:

One of the judges, Mr. Amit Virani, Head R&D, Gopal Snacks admitted that this kind of technical events can bridge the gap between industry and institute which is very crucial for the overall growth of the society in true sense. He also cherished the innovativeness in few of the projects which were astounding one especially "Humanoid Leg" & "Samvedna" projects.

MECHANICAL ENGINEERING

Director of White Wegon Pvt. Ltd., Mr. Keyur Vekariya have inaugurated Mechanical Engineering Project Competition

First winner of Mechanical Diploma Engineering Project "FOUR WAY HACK SAW MACHINE"

Four Way Hacksaw machine can cut four material parallel and in this way it can enhance the productivity by saving time and cost.

First Winner of Mechanical Degree Engineering Projects "ROBOTIC BOMB DETECTOR"

Robotic bomb detector can be used in the bomb disposal squad and without any human it can move toward bomb place and can dispose it.

The students of Noble Engineering College did the project on vehicle running by compressed air to overcome the energy crisis of the world.

Feedback:

1. **Keyur Vekaria (CEO White Wagon):** It's my honour to inaugurate such a wonderful event of project competition. It was really nice. Innovation and creativity done by students were really good and definitely, it will help to society.

2. **Mr. Bhavibhai Dabhi (Judge)** has said that students have done really very nice projects but they need to be more specific regarding design and empirical values.

3. **R J Abha (Red Fm 93.5):** The Event of mechanical was superb and I am really impressed by the mechanical projects specially foot pedal multitasking and bomb detector.

The students of Gardi Vidyapith have made Project on Unstoppable Train. It will help to save the time of passengers at the station .Bottom train will run continuously while passengers have to switch by top wagon.

ELECTRICAL ENGINEERING

Industrial Guests Reflections:

Mr. Jasan Hirani from Real Granito Industry appreciated the efforts made by the participants. He also appreciated the overall coordination & management of the event. He also interacted with the participants regarding how to be industry-ready.

Participant's talk:

"We came to know about different creative ideas and projects which were based on serving society. Based on this technical collaboration, we can decide our new project definitions for future events and competitions.

- Devika solanki, BHGCET, Rajkot

Winner of the Project Competition Mr. Nikhil and his team from B. H. Gardi College of Engg. & Tech.

Winners made a project of "Multi Tasking Wireless Robot". They presented different tasks this robot can perform and impress all the visitors with their good communication skills. Mainly this Robot can be used in defense systems because this will operate wireless zig Bee based protocol, students described.

Students explaining their New Innovative Ideas & its applications to Judges

WORLD OF ROBOTICS

Robo War

Aim: To develop technical skills, thinking ability and to increase self confidence among the students. The response of the students was enormous. The competition had four rounds. **First: knock-out round** in which 21 teams have played and these warriors will duel for honour and fraternity in arena of destructions with their pneumatic spikes, Cutter, angel grinders, hurling maces, lifting mechanism and lots more satisfying the weight criteria of 18kg and dimension of 45*45*45cm on a game arena of 8*8ft.

Outcome: The participants have designed a manually controlled bot capable combat. These machines were armed with all manner of creative weaponry and disable or immobilize their opponent within the 3 minute match. The students used various techniques for conversion of A.C. power in to D.C. various mechanisms have been used in order to transmit motion to weapons.

- Prof. S H Bhatt

Feedback:
Excellent Team work and organization. Keep it up, continue such event which provides platform to the students to explore their skills. **- Mr. Ravin Bhadja, Head of Strategic Initiatives India, Jaivel Synergicse Pvt. Ltd.**

Visit by Industry Delegates and Faculties

Erudite themselves by constructing such bot machines over the weeks and improved technical knowledge by using different mechanism for the survival as a best. **- Winning Team (Sanjaybhai Rajguru College, Rajkot)**

Inaugural by Mr. Keyur Vekariya, Director, White Wagon Pvt. Ltd.

Winner Teams

Robo Puzzle

Aim: The challenge is to make 3 Robots - 1 wired, 1 semi-automated bot and 1 fully automated, each capable of doing specific tasks defined for it in the least time. The competition has been designed such that it will test not only your robotic skills but also your team spirit.

Outcomes: From this event students learnt team spirit, time management and also improved their technical knowledge about electronics, mechanical work and various sensors.

- Prof. Gaurav Joshi

Inauguration by Mr. Pinkesh Parmar, Director, Mecintell Pvt. Ltd.

Event briefing by the coordinator to the delegates

WORLD OF ROBOTICS

Robo Maze

This event was conducted by the Electrical Engineering Department aiming at developing the students' capability of drafting & designing the application based robot as well as to enhance the skill of problem solving. Participated 103 students of various colleges from Saurashtra zone. Astonishing MAZE with tricky paths including two different rounds that has to be solved using the handmade robot by the engineering students.

The **winning team** was from the **B. H. Gardi College of Engineering & Technology, Rajkot** and the runners up team was from Government Engineering College, Rajkot.

"The excellent event for the skill development of the students."

- Mr. V. S. Patelia, Dy. Exe. Engineer, RMC

"The track of this event was very different & the biggest ever seen."

- Baldha Paras, Student, GEC, Rajkot

"Very different concept and the best event in all robotics."

- Sarda Karan, Student, V. V. P., Rajkot

- Prof. Rakesh Vasani

MAZE Solving Sensational Moment

Participants cheered up to win the race

Reaching the end point

Robo Relief

Aim: The competition course is designed to capture the various challenges that a vehicle might see in the real world. As such, the granular material delivered needs to be "edible" once delivered, and therefore neither damaged nor contaminated.

Outcome: The objective of this event is to introduce the use of Robo in our day to day life. The society become aware about application of Robo for relief purpose.

- Prof. Gaurav Joshi

Robo trying to Cross one hurdle

Robot Running on Track

GETTING ADEPT
Workshops

Python clinic

The fundamental target of this workshop is to present the most developing experimental dialect (Python) to the future era and energize them for advancement in Python.

Participants understanding with focus

Feedback from participants:

1. **Dinesh Barad:** "I have got much exposure of this interesting scientific programming language."

2. **Trivedi Nidhi:** "I have enjoyed and learnt something beyond the expectation."

MAGENTO : Let's Develop e-commerce Platform

e-commerce site are in demand therefore new tools are developed every second day. Magento is one of them and participants got the knowledge of API, Theme Development and extension developing.

Mr. Prashant Mamtora, CEO, Milople Introduced the Students with Magento

Feedback from the participants:

1. **Pratic Thanki:** "I have got the knowledge about the latest technology Magento and have an interactive session with industry expert.."

SMS Based Application

Workshop is identified with advancement of utilization in view of txtweb stage. txtWeb is a worldwide stage where anybody with a cellular telephone can find and devour web AND txtWeb-substance just by SMSing pivotal words. AIM of this workshop is to develop the SMS based application using txtweb stage.

Participants keen to learn the new technology with high attention

Feedback from participants:

1. **Vidhi Kapuriya:** "This workshop is really useful to develop various mobile applications. Really good experience, thank you so much for giving opportunity"

2. **Alisha Lakhani:** "By this workshop we improved our knowledge about SMS based application and so many things. Experts having good technical skills teached us programming great"

Code Java Together - Greenfoot Workshop by Oracle Academy

Greenfoot is a visual and interactive development environment for games. "Code Java Together" encouraged students to do programming in a fun way. Participants used Greenfoot - a free development environment from the University of Kent to create games of their interest.

Ms. Priyam Das and Ms. Suji Uchil, from Oracle Academy, Inaugarating the Greenfoot

Feedback from the participants:

1. **Priya Jadav:** "This is very knowledgeable experience. Thank you so much for giving this opportunity"

Making Games without Coding

There is one general thinking of all the people that without knowledge of programming language, nobody can write a simple program. So excellent knowledge is the first requirement to make game with any programming language. Thus the question is "Is it possible to make very interesting game without knowledge of programming language? Answer is YES. It is possible with different tools (i.e GDevelop (open source tool)).

Feedback from the participant:

1. **Urvi Bharad:** "I learn very new concept in the field of technology and without single line of code we had developed android game".

Prof. Amit Maru is Explaining about How to Make Game Without Coding

Role of Gas Turbines in Oil & Gas Industries

AIM: To aware the students about the significance and importance of Gas Turbine in Oil and Gas Industries.

The workshop was organized on "Role of Gas Turbines in Oil and Gas Industries by the several dynamic professionals like Mr. Madhukar Sharma Director of ASME-India, Mr. B K Rai & Mr. Ajay Kumar from ONGC, Delhi. Mr. Siddharth Jain from Siemens-India, Mr. Prakash Dalsania, Engineering Manager, GE Power & Water, Bengaluru & Dr. Prasad, Professor, IIT Chennai under the GTU TECH FEST 2015 & collaboration with ASME for Degree Engineering students from various colleges across the region.

Mr. Madhukar Sharma, Director of ASME-India Initiating the Basic Talks

Prof. V. K. Mehta offering a memento to Mr. B. K. Rai

Feedback from the students:

Kedar Mehta: Direct interaction with industrialist, I feel proud to attend this workshop

Rana Maitrya: As a part of ASME committee, we learnt lot of things during workshop. We came to know that gas turbine is the essential in offshore application

AutoCAD

The workshop was organized on "AutoCAD" by Prof. Ankush Sharma for Diploma students from various colleges across the region. Total 35 students have participated in the workshop and the duration was 4 hours. The response of the students was enormous.

Feedback from the participants:

1. **Bhatt Darshit:** I learnt basics of design concept and enjoyed teaching learning method of this faculty.

Students practicing in workshop with active learning

"Introduction about Engineering Equation Solver (EES-Demo version)"

The objective behind the workshop was to guide the students about the EES and solve the complex problem of Engineering using EES. The basic function provided by Engineering Equation Solver (Demo Version) is the solution of a set of algebraic equations, differential equations, equations with complex

variables, do optimization, provide linear and non-linear regression, generate publication-quality plots, simplify uncertainty analysis and provide animations.

Certificate distribution to the participant by Prof. M. K. Pujara

Feedback from the Participants:

1. Urvish Khakhkhar: I have participated in the workshop of EES and it was admirable. I got the knowledge about the software EES and liked to be a participant. I would like to thanks all the team members. Thank you so much Gardividyapith.

2. Ravi Parmar: I am expressing my sincere thanks to all the team members for organizing this kind of workshop.

Product Design

The workshop was organized on "Product Design" by Mr.

Bhagvanji Sonagra (Head at UDLAB). Total 20 students have participated in the workshop. Product design is the first step of any mechanical industry and most of case it is directly connected to success of industry. There are steps which lead to market in this competitive era.

Mr. Bhagvanji Sonagra delivering the session on Product Design

Feedback from the Participants:

1. Davada Chintan: I have enjoyed the workshop and learned about product design and different parameters required to be considered during designing of the products.

2. Sampat Yash: I learned exactly what industry need in the field of product design. The workshop was so interesting and knowledgeable.

The workshop was based on the various properties of materials used for building construction. In this workshop six various test were taken and was conducted by Prof. Umangi R. Desai

Outcome: The students have learnt a lot regarding characteristics of various materials and define the suitability of such materials in a construction work.

The Workshop has arranged on **"The state of art in Digital Surveying". Er. Nirav Gohil & Er. Mitesh Sutariya from Aimil Ltd. Baroda,** conducted the workshop. Total 22 students from different colleges have actively participated in this workshop. Live demonstration and training session was

arranged, how to apply total stations for different application in civil engineering field.

Feedback from Participant:

Raval Disha: I have learnt many new thing regarding the properties of materials. I want to offer my special thanks to Gardividyapith.

Vivek Abhani: I am very privileged to be the part of this workshop. I enjoyed a lot. Thank you so much.

Sardhara Sager: I am very thankful to the expert and Gardividyapith for arranging this type of workshop.

Bhatt Mitesh: The workshop was really outstanding. Thank you so much.

Prof. Umangi Desai Explaining the Importance of Materials to the Participants

Participants performing the Practical on the field

EC Department Workshops:

Objective: Empowering the students in the Real World of Electronics, Communication and Embedded Industries.

"A Workshop on Linux and Embedded Boards" by Mr. Adarsh Parikh and Ms. Prerana Palival (e-itra, e-infochips, A'bad)

was organized for the students who are aiming to build their carrier in the Electronics, communication and Embedded Systems domain. Participants of this workshop were facilitated to know and experience the current requirements and real world of Embedded systems and domain specific knowledge required to step in the Embedded industries by Experts team from **e-itra, e-infochip.**

"A Workshop on Arduino Application" by Prof. Ankit Raythathha and Mr. Paras Raval

The Arduino is the most amazing & easy gadget to get hands in EMBEDDED SYSTEMS & ELECTRONICS. During the workshop the students were guided to develop and design real world projects which can help them to enhance hardware and software skills for their career and to make them well-suited to work with controller based industries.

"A Workshop on Signal Processing" by Prof. Jaydevsinh Jadeja

Signal processing is the enabling technology for the generation, transformation, and interpretation of information. This workshop has provided a platform to the participants to utilize SCILAB tool to carry out various processes on audio and image signals which can lead participants to be familiar with research and development.

Industry Feedback: "Domain specific industry based Workshops are bridges between industry and academics. The efforts taken by B. H. Gardi College of Engineering and Technology by organizing this type of workshops for students are extremely well" - Mr. Adarsh Parikh (e-itra, e-infochips, A'bad)

Prof. Jaydevsinh Jadeja Motivating students about importance of Signal Processing in Career Development of Diploma Students

World of Automation Starts from here...

Relay logic is a method of controlling industrial electronic circuit by using relay & contact. Relay logic program were taught in familiar language of PLC called ladder diagram then students performed in Relay Panel...

Combine Cycle Power Plant

The objective of the workshop was to create awareness about electrical power generation based on combined cycle power plant, to understand working and importance of gas based power plant and to understand role of load dispatch centre and concerned economic criteria.

Expert's Feedback:

Very encouraging and responsive participation and educational environment is very stimulating. Such workshops must be organized frequently.

- Mr. S. Mani, Chief Manager, Electrical (O & M), GIPCL, Vadodara

Student Feedback:

In workshop, we learnt about how the measurement is done in HV lines and substation.   - Vatsal Shah, C.U. Shah Univercity

"Testing of Major Electrical Equipments"

Objective: The objective of the workshop was to create the awareness about the different types of electrical tests, its importance and to get acquainted with the different types of equipments and kits required to perform specific tests.

Expert's Feeback:

Very well organized event. Frequent workshops and seminars would be organized to create awareness among the students that how industries really work.

- Mr. Sandip Pandya, Sr. Engineer, HiTech Transpower Pvt. Ltd.

Students' Feedback:

I have seen different types of equipments during the workshop. It is most helpful for me and the workshop was very interesting.

- Maulik Jadav, C.U. College of Engineering

Teachers showering their knowledge to shape the little minds

Hands on Practice for Participants, Guided by Mr. Sadip Pandya from Hitech Transpower Pvt. Ltd.

SERVING FOR THE NATION
Sainik Welfare Fund

With many Technical Events, very eye-catching and distinctive Non-Technical events were also the part of GTU Techfest in the lap of Gardi Vidyapith. For the purpose of "SAINIK WELFARE FUND"the youth of the different colleges amazingly participated and enjoyed contributing for the MISSION.

The most active non-tech event was **ELECTRICAL BELL**. **"Let's follow the soldiers path"** through concentration and body balance.

To FOCUS and FOLLOW the warriors track.

RJ Abha Motivating and Enjoying

Contributing for the Nation

- "Feedback from **RJ Abha:** The **ELECTRICAL BELL** event was the most attractive and funny game. It really recalled me BIG BOSS 8.
- "Feedback from the student, **Hima Vyas:** In MARKETING event we enjoyed a lot and it was a great experience to show our convincing power.
- "Feedback from the student, **Joshi Pratik:** For one day I felt as if I am a Racer. After playing NEED FOR SPEED.

Two Special task were the part of **GAME ZONE** named **Counter strike** and **Need for Speed** for fighters and racers.

To DEFEND and organize the situation in the game.

Winner of Need for Speed: **Joshi Pratik**

Winners of Counter strike: **Kartik, Mayur, Ravi, & Nilesh**

TASHAN of the Winners

Fighting for the Prize

The main value for the marketers was to collect the fund for Nobel cause in **MARKETING** event. The positive attitude of the participants convinced others to contribute.

Influence through EMOTIONS for support.

Winners: **Hemanshi Bokhiriya and BansiThumar**

Runners Up: **Charmi Zala and Ashwini Gohil**

Happiest Moment

It is always said **"slow and steady, wins the race"** and it was the challenge for the participants to prove it through **SLOW CYCLING**.

The motive was to DEVELOP the patience.

Winners: Pradeep Pillai, Brijesh Gorasiya

Happy for being a part of contribution

Participation with full enthusiasm

Show your talent in ONE MINUTE, the most exciting and creative experience to donate for the nation.

To ACT and DISPLAY your skill within time limit

Participants engrosed zealously...!!

Enjoying with Choti Banao...

The participants were totally merged in the game and the sportsman spirit was found among all through **KNOCK- OUT.**

FORMULATE the strategy and follow it.

Cheers for Winning....!!

Enjoyment on the faces...!!

Valuable Feedback from Contributors:

- "It was overall a very happy moment to participate and contribute for soldiers.

- "All the events were energetic & fantastic for all of us.

"Search the clue, catch the prize" the main goal was to develop team work, time management and brain storming during TREASURE HUNT.

The ORGANIZING of affective domain of learning was implemented.

Winning Team: 1. Vishal Vekariya, Javiya Kinjal, Devin
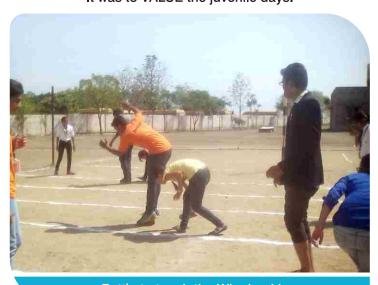
2. Rahul Kalavadiya, Rushik Mehta

Serving the society by Contributing for Sainik Welfare Fund

Winning Smiles on the faces

Let's go to past and enjoy the **STREET GAME.** All of them memorized their childhood days with the friends.

It was to VALUE the juvenile days.

Battle to touch the Winning Line

Ready Steady, Go

The main target of PHYSICAL GAME was to show your strength like soldiers. Pushups, skipping & sack race were to check the stamina of the donators with fun.

It was to FEEL like soldiers.

Jor Lagake Haishaaaaa...

Never Give Up

Overall the **Value abilities, attitude towards Nation and soldiers and the motivational level** was proved through the collection of **Rs 42,000/-** as a SAINIK WELFARE FUND.

Interaction for Improvement

First Confident Fly: 1st Year Students Setting the Standards

Following the Tradition

Overwhelming response

Honoring the Most Revered

Learner Centered Approach Rightly by the Dr. Akshai Aggrawal

Glorifying the Gladiators

9 MOUs for Training, Placements and Internships

Appreciating the Endeavors of Gardi Vidyapith

Keep it up

Following the Leader

Green Signals by Industry Colossus

Declaration: International Clap day

Tech Fest 2015

Thanks Students : Proud of you

GETTING ADEPT
Valedictory Function

After long season of hard work and toil when the auspicious time arrives, it is the turn for reaping the harvest, as this is the very day when the dedicated, disciplined participants of GTU Techfest-2015 reap a special 'harvest', winning prizes at the hands of our dignified and revered guests in the valedictory function of GTU Techfest which was held on 24thFeb 2015.Thus the day has been marked - the day over the years, as this was the day that we picked up for awarding the prizes for excellence in technical and non-technical events talents. As per our Indian tradition the event was started with lighting of the lamp and prayer. All the dignitaries from the industries and academics were welcomed with the token of love and respect.

When one has the dedication for the collective success, it becomes true yield that brings final success. The endeavor of the winners and runners up of all the technical and non technical events was appreciated and felicitated with the prize and trophies. Even the winners and runners-up of the **Blind coding and Hackathon** got the opportunity for summer **Industrial Internship** in **Thakker Industries and Solwin Infotech, Surat.**

The participants showed their dedication by contributing to the Sainik Welfare Fund. It was happy moment for Gardi Vidyapith to declare Rs. 42,000 collected as the same in two days of the fest.

The evolutions with the modern facilities and better standards and raised benchmarks of expectations have helped the management to evolve with skillful planning and execution. This type of program helps to develop self-confidence, patience, perseverance and team spirit in engineers.

- Asst. Prof. Anjali D.

Dippragtaya

Guest of Honour

Awards for the Winners

Encouragement by the Dignified Guests

Exchange of MOUs for Training, Placements and Internships

Word of Commitment - MOUs

Boosting the Confidence by Appriciating with Trophies

The Aspiring and Zealous Anchors Spell Bound the Audience

Eager for the Result

Unity in Strength

Conspicuous Prize Distribution Ceremony

GETTING ADEPT

C Quiz

C Quiz was organized the ability of quick thinking and answering. Also one kind of event in which participants builds up their logic, programming skill, analysis skill. To complete different rounds, participant has to think differently.

Student enjoyed event and learned so many new concepts of C Language. C QUIZ got highest participation in GTU TechFest 2015.

- Ms. Mitra Ashara (MCA Dept.)

Evaluating the Knowledge of Programmers

Encouragement to Enthuse

Chem-E-Car

The event was to design and construct a car that can be powered by chemical energy, these chemicals must be environment friendly. This event improves various skill of the students like design of vehicles, thinking ability and creativity increasing involvement of the students.

It created awareness about the various chemicals and its application through which they can run their respective vehicles & also about their respective ignition system design.

Industrial Delegates' Feedback:

"It was great opportunity for the students to know something new about the power of chemicals that they were not aware about." - Bipin Makadia (Director of RECON SPARES Pvt. Ltd., Rajkot)

Participant Feedback:

It was great opportunity for us to represent our ideas and technical knowledge. I am thankful to CHEM-E-CAR team to provide us a platform. - Sagar Patel (Department of Chemical Engineering, VVP Engineering College, Rajkot)

It was totally new experience for me to take part in this event. - Harsh Trivedi (Department of Mechanical Engineering, B H Gardi College of engineering & technology, Rajkot)

Students Analysing

Inauguration of the Event by Mr. Bipin Makadia, Director of Recon Spares Pvt. Ltd.

Chem-E-Car Running on the Track

GETTING ADEPT
Circuitrix

The aim behind organizing this event was to make the students able to develop the skills of making and debugging the analog electronics circuit and outcome of this event is that students will realize the concepts of developing projects and be industry ready for their future.

Feedback of Participants:

The main purpose was not to compete but to learn circuit development and this learning attitude was add-on for us.

- Mayur Balwani and Nischay Gadher (Sanjaybhai Rajyaguru College of Engineering, Rajkot)

We have learned circuit debugging, problem solving, testing of circuit and learned how to connect circuit step by step.

- Partik Padwal and Jitesh More (B. H. Gardi College of Engineering and Technology, Rajkot)

Student coordinator supporting the participants

Inauguration of Circuitrix Event by Mr. Pinkesh Parmar (Director, Mecintell Technology Pvt. Ltd., Ahmedabad)

Involvement at its Best

Civil Hunt

We have given puzzles to each team. These puzzles are based on searching the location within the campus as per for clues given to them. The team which is able to solve the final puzzle in the shortest time was declared as the Winner.

• Developed the observation power as well as intelligence quotient of the participants.

• Students will get the abilities to come up with quick solutions of field problems by using their thinking process and logic.

Feedback of Industrial Delegates:

The Techfest 2015 is really such a nice program. It's a way to appreciate and motivate the students. We are always ready for giving our best supports and guidance to the students.

- Mr. Vimal Vadgama, Rajnish Infrastructure, Rajkot.

Industrious Efforts to Win Civil Hunt

Group Discussion on Destination

GETTING ADEPT

Eco Town

The civil department had received an overwhelming response in event "Eco-Town". Mr. Ashish Satasiya a well known structural consultant from Krapa Consultancy had been invited as our esteemed judge. He gave an inspiring speech to the participants how on to bridge the gap between academic and requirements of field.

In the event 'Eco-Town 'Participants presented their ideas of an eco friendly town in the form of a power point presentation with a physical model showing their ideas by integrating the best ancient practices with modern technology.

Participants got the idea about Innovative town planning. They also developed presentation and communication skill along with solution approach skill.

- Prof. Jignesh Shah (Civil Department)

Innaugration of Eco Town by Er. Ashish Satasiya (Krapa Consultancy)

Interaction with Industrial Delegates Regarding Benefits of Eco Town concept

PLC Simulation

Event on PLC Simulation by Miss Asmi Ghodasara of Electrical Engineering Department was organized with an aim to make the students familiar with automation techniques.

Alumni Rutuj Palan, Project Engineer at S.S.M solution Pvt. Ltd.,Surat, was present to inaugurate the event. By this event, students will be able to develop their logical thinking skills and they will be able to compete with real problems in industries.

Mr. Gaurang Vyas from Divine Machine Tools, Rajkot who was present to judge the event encouraged students by telling them that they would gain practical knowledge about Automation and it would be helpful to them in future.

- Miss Asmi Ghodasara

Keen Involvement of the Judge

Students Engrossed and Judge Analysing

Students Working Hard to Get 2nd Round

GETTING ADEPT
Graphic Logo Designing

Design is not just what it look likes and feels like. Design is how it works. - Steve Jobs

Student's creativity was at target. They were supposed to create a logo followed by brochure designing task. The DESIGNER'S MIND was VISIBLE and REFLECTED within minutes of their working.

The candidates were privileged to have a strong discussion with Mr. SANJAY DABHOYA; MD, SOLWIN INFOTECH, SURAT during the final evaluation.

With the detailed 1-to-1 evaluation, participants became aware about standards followed for designing. This event gave them experience about real scenario and work of a designer in industry. At the end they were packed with added knowledge and excitement to beat others with their next creation.

- Ms. Hiral Ganatra (Event Co-ordinator)

LOGO DESIGNING - What's the RESULT...
Judges in Dilemma, Facilitators Impatient

LOGO DESIGNING - Designers of Tomorrow;
Engrossed Completely

LOGO DESIGNING - A BUBBLE OF VISION

Battle of Boats

BoB has been designed to develop modeling skill, thinking ability and creativity among the participants. Participants designed their boats with wireless control system and some groups did very creative work by using smart phone to operate their boat.

Take a way: By participating in this event, participants got knowledge about overall design and modification of wireless robotic boat and improved their thinking ability and team spirit.

- Prof. Maulik R. Chauhan

Inauguration of the Event by Mr. Sachin Patel
Director of Delta Technocast Pvt. Ltd"

Up to the Next Checkpoint with Increased Load

GETTING ADEPT

Model Extempo

The sessions were organized as a part of the Event followed by the Aptitude Test following model building. The event was to create awareness among participants to create analytical skill, bound quick work with precision, building team spirit and quick knowledge of basic circuit design among the youth, to know about the different way to enhance any circuit with given material in given time.

- Prof. Vinay Kumar Yadav (EE Department)

Prof. Vinay Kr Yadav Encouraging the Participant for the Event

Teamwork : Less Ego and More We

Quick Page

Quick Page is all about planning, creation and updating; in a word deigning webpage.

This event polished knowledge of HTML, javascript, CSS. Through this event individual designer capability and fast working skill is checked. It increases their professional and ethical responsibility.

Event was judge by the industrial delegates from **Thakker Technologies and Solwin Infotech.**

The participant after the event revealed that Quick Page event would prove to be very helpful for them in all their future endeavours.

- It would proved to be overall good experience to work for the company.

- Summing it all, good management proved to be a spark for the gems.

- Ms. Mitra Ashara (MCA Dept.)

Coordinator shares a Glimpse of Webpage

Test for Filtering the Best 20

Engrossed of Industrial Delegates

GETTING ADEPT
Relay Coding

Computer field is enduring for the current as well as upcoming generation. A productive event called Relay Coding was organized; it focuses on Pressure handling and Implementation accuracy.

Relay coding was held to enhance the hidden talents like the ability to face the challenges, team Work and understanding of professional and ethical responsibility. The response of students was amazing and excitement regarding participation was admirable. Introducing an event like relay coding was itself an achievement. The students were very curious to know about relay coding, so they were eager for participation.

Event Briefing with Delegates

Keen Invelvment Of Industrial Delegates

Certificate Distribution

Structure Making

This event was to enhance students' creativity, ingenuity and resourcefulness in order to maximize the strength and minimize the inherent shortcomings of each material. The bridge with maximum load carrying capacity and minimum weight was awarded as the best.

Participants had to apply the skills like analysis and design of bridges and trusses.

Basic concepts in proportioning and design of bridges in terms of aesthetics, its functionality and understand the load flow mechanism were evaluated.

Creative Use of Popsicles and Gum

Engrossed Teams Working to Create Sturdy Bridge

GETTING ADEPT
Web Searching

Web Searching is one of the technical events. The main aim behind organizing this event Web Searching is to test the content searching ability of the students are to create awareness in students regarding different technique those are frequently used to improve the quality of result generated by the GOOGLE search engine. Mr. Mayur Dhudasiya, the Chief Technical Officer of Solwin Infotech Surat and Mr. Priyang Gujarati Sin. IOS developer Thakker Technologies Ahmedabad judged this event.

- Prof. Ajay A. Ardeshana

Racing to go for GOOGLING…!!!

Digital Natives are GOOGLING…!!!

Junk Yard Wars

Feedback From Mr. Mukesh Panchasara (Director, Rupkala Engineers Pvt. Ltd.)

I'm highly impressed by the creative ideas of the students and their endless efforts to develop different kinds of applications.

This directly indicates that input by the teaching staff is excellent to achieve this such ability in student.

Thanks for inviting me as a judge.

Informative Guidance Given by Mr. Mukesh Panchasara (Director – Rupkala Engineers Pvt. Ltd.)

Creatively Engaged in Making Best from Waste.

Feedback From the Student Participants

We enjoyed the event, learned how to implement idea and new concepts to create usefull applications with junk materials.

Thank you for giving us such a great platform to show case our creativity.

Junk Material Selection

GETTING ADEPT

Achievement

Dark Horse in making proves true with Department of MCA, B. H. Gardi College of Engineering & Technology, Rajkot which has stood 1st in all Gujarat MCA 3rd Semester result of GTU in Dec - 2014 Exam.

- MitraAshara

THE GARDI TIMES - MONTHLY

GETTING ADEPT

Picasso - Every Act of Creation

Photography has become a passion of the youth. Picasso was a photography event; wherein students had to take clicks relevant to the theme given to individual team. Filtered best 20 teams had to prepare a documentary.

It gave participants an atmosphere to

- Relive their passion
- Show Team Work
- Move out of comfort zone to exhibit their diverse talents
- Demonstrate excellent photography skills.

Overwhelming Response:

- The students were on their toes to take best pics and win the competition.
- Their response have clearly showed students', willingness to think beyond books and develop passion along with studies.
- The response of students was amazing and excitement for participation was admirable.

Taking a Perfect CLICK...

Picasso - Deep Dive in Eyes

Picasso - Focussing on Object

Picasso - Deep Dive in Eyes

Focussed Attention - Working on Documentary