



# THE Gardi TIMES

time to step ahead...

Published Date : 10th of Every Month

Year : 4 | Issue : 38 | Dt. 10-04-2016 | Page : 16

Language : ENGLISH

## Spectacle of Success @ ASME HPVC & SPDC 2016

Success is believed to be bound with perseverance and experience. Students of Gardi Vidyapith certified the saying by seizing the occasion of **ASME HPVC and SPDC 2016** with numerous feats. The 4 day event organized by Vellore Institute of Technology on **17th - 20th March, 2016** had an extravaganza of happenings for the nourishment of an individual.

Envisioning the effective efforts by teams of Gardi Vidyapith since HPVC inaugural, 3 teams namely "**Sayugavan**", "**Praesto**" and "**Nakamas**" participated in the contemporary event with matchless confidence and practice. Teams reached VIT on 15th March evening and were delighted to see the titanic campus filled with jewels of wide-ranging themes. The outstanding institute firmly displayed its A Grade routine among which the best were **punctuality of people in the campus, the infrastructure as well as the work ethics and culture**. The teams being quite acquainted with the fact of competing with the best institutes across India, geared up themselves as well as the vehicle for the battle times they had been keen about since several days.

With the temperature crossing **40 degree mark**, it certainly were to be the challenging days for all drivers. Design event and safety inspection check were done on the 1st day in which the teams had to validate their work done in their vehicle with all their features in the former one. It was followed by Drag event which had a track length of 375 meters and had a head start of 25 seconds for girl riders among which the latter fact turned the tables for all teams. This action was executed to encourage the



**MXX**

**Expression of Experiment with Innovation**

Experiment is the only way to express the talent a person has. Considering the same Kum. M.H.Gardi School Of Management had organized "A National Event" called MXX that is Managerial Experimental Expressions-2016 on 3rd and 4th February, 2016. Where management students from different colleges of different states of the country were invited to show their talent.



First day the Management Event started with the inauguration and it was started with the lighting of lamp by dignitaries such as Hon.D.V. Mehta sir, Chairman of Gardi Vidyapith. Hon. Prashant Mehta sir, CEO of Gardi Vidyapith, Ho. Sidharth Jadeja Sir,



Executive Director Gardi Vidyapith, Hon. Yogesh Poojara sir, founder and chairman of poojara telecom. Hon. Purushottam Pipaliya sir, CEO of RCC bank, Hon. Ashwin sir, CEO of Shree Vasudha Earthing Electrode, Hon. Nishit Tilara sir, Marketing



Head of Tilara's KTM, Hon. Preeti Babiya Madam, Director of Service Force. Hon. Kailash Maneriya sir, Regional sales manager from Tara Jewellers and many more from the corporate world were invited. The day started with blessings of Hon.



Chairman of Gardi Vidyapith and motivational words of Dr. Vishal Khasgiwala, Director of Kum. M.H.Gardi School Of Management.



Teams from different parts of Gujarat as well as other parts of the country like welinkar institute Mumbai, Prestige Institute of Management- Indore, IIT Khadgapur PDU, Gandhinagar etc. Participated in the event. More than 500 participants in two days events had been registered to compete and express their innovations. The first day was proven very innovative and full of energy as on that day about 100 teams from different

educational institutions presented their innovative products and services in first round of event called business boomers at the same time in another event called company defined problem heavy discussion was going on between students and judges of respective companies to solve the practical cases posed in front of participating teams.

The second session of the first day was started with the winning teams of first round of both the events. Here on the basis of their final performance winners had been declared. In business boomers 1st winner was a team from PDU, Gandhinagar. 2nd winner was a team from KSN kansagara College, Rajkot and 3rd winner team was from Kum. M.H. Gardi School of Management,



Rajkot. In company defined problem 1st winner was a team from KSN Kansagara College Rajkot. 2nd winner was a team from Sunshine College Rajkot and 3rd winner team was from Atmiya Institute of Science and Technology, Rajkot.



All the winners of different rounds got various trophies and prizes from associate companies. This event was really proven as a bridge between corporate world and academic institutions. Associated companies of the event like Poojara Telecom, Balaji



Waffers, Tara Jewellers, RCC Bank, KTM Bikes, Shree Vasudha Earthing Electrode, Service Force and MAICO and their representatives were appraised the efforts made by the staff members and volunteers of Kum. M.H. Gardi School of



Management. At the same time they also congratulate the winners of different event on the day.

The second day of the event was started with extreme energy and enthusiasm. It was a day to show the dare along with management fundamentals. The event called Dare Devils was divided in to six different rounds. Here more than 50 teams took part to show their time management, team management and risk management skills. The rules and event arena were so nicely designed by the team of volunteers of Kum. M.H. Gardi School of Management that at every step the partakers found challenges to complete it and win. Finally at the end of all six rounds after completing so many challenging tasks 1st winner was the team from Kum. M.H. Gardi School of Management, Rajkot. 2nd winner was the team from Satyaprakash Vidyapith, Rajkot. 3rd winner team was from MP Shah College, Surendranagar.

This two day was really full of zest and opportunity that each and every partaker from different colleges and even people from corporate world enjoyed the concept introduced second consecutive time successfully by Kum. M. H. Gardi School of Management. Hon. D.V. Mehta sir, Chairman of Gardi Vidyapith, and Hon. Prashant Mehta sir, CEO of Gardi Vidyapith, congratulate Dr. Vishal Khasgiwala Sir, Director, Asst. Prof. Nilesh Ankleshwariya, Asst. Prof. Samir Dholakiya, Asst. Prof. Viral Raval, Asst. Prof. Ashita Mansuriya, Asst. Prof. Kanchan Parmar ,Asst. Prof. Dipesh Trivedi and Mr. Brijesh Zalavadiya& Mr.Sanjay Mehta of Kum. M. H. Gardi School of Management as well as students for organizing such wonderful and practical events.

## LIVE LEARNING

### Live Budget Analysis 2016

Finance club of M H Gardi School of Management had successfully organized An Expert Session on Live Budget Analysis on 29-02-2016. An expert session was conducted by **Prof. Dipesh Trivedi** (Assistant Professor M H G S M), Around 120 students of MBA & MAM and all the faculty members of MHGSM had actively participated in the expert



session on Budget. From the session students learnt about **what is budget?** And come to know different terminology of Budget, how budget may

impact on an individuals and different industry? And individual's expectation regarding budget 2016-17. Live session was also shown to them for detail understanding.

### Mock - Interview

MHGSM organized expert session on 04/03/16 to get the practical knowledge of facing the interview. For this purpose the college had invited the expert from the well-known industries from Rajkot that is **MR. JAYDEEP TRIVEDI (ASST.MANAGER-HR)** of **WOCKHARD HOSPITALS**, **MR. RUPESH BHUVA (MARKETING MANAGER)** from **KADVANI FORGE LTD.** and an expert from **NJ INDIA INVEST PVT.LTD**, **MR. BHAVESH JOSHI (REGIONAL MANAGER)**.

Mr. Jaydeep Trivedi had informed the students regarding how to give interview and what are the points to keep in mind before going for



interview & what is the present scenario of market. Mr. Rupesh Bhuva advised students by giving example also discussed about their future plan and what they want to be in future. Mr. Bhavesh Joshi has shared the students about facts & figure of Indian economy and what are the factors affecting on GDP.

All the three experts took the interview of all MBA & MAM students, all students were very happy with the mock practice and they assured



that they will perform the best in future.

The experts were also very much impressed by the students. N.J India Invest Ltd selected 5 students for

their SIP (summer internship project). Kadwani Forge Ltd selected 2 students. The names of best performer in the mock-interview are:

1. Kausha Raithatha from MAM-2nd Sem.

2. Hirva Trivedi from MAM-2nd Sem.

3. Nikita Goswami from MAM -2nd Sem.

4. Aayushi Siddhpara from MBA -2nd Sem.

5. Bharmal



Fatema from MBA -2nd Sem.

6. Liya Charmi from MBA -2nd Sem.

7. Anjana Barochiya from MBA -4th Sem.

8. Amit Singh from MBA -4th Sem.

9. Viral Dholariya from MBA -4th Sem.

10. Ankita Vagdiya from MBA -4th Sem.

The event was co-ordinated by Assi. Prof. Viral Raval Sir

## INDUSTRY EXPOSURE

### Visit to Tata Motors, Pune

**K**um. M.H. Gardi School of Management, an institute known for its excellent practical education and learning always believes in learning by doing. The ultimate objective is to bridge the gap between theoretical knowledge & market practicality.

February 20th to 24th, 2016 became unforgettable duration of learning for the students of Management department of Gardi Vidyapith. During this tenure students visited Pune, a city of known as industrial and education hub. At Pune students had



We visited different parts of plant where TATA motor used to manufacture different vehicles like cars, trucks, army vehicles, etc.

Another striking point of this visit was cultural exposure. In Pune students visited few historical places like Dagadu sheth Temple, Shaniwar Wada and Aga khan palace. Next day all went to the place of the dream "The Imagica Theme Park". 2 days of

visited the Asia's largest automobile manufacturing plant, TATA MOTORS. It was the real exposure to the students of management visiting such state of art and technology. The visit started with learning session in the training class at plant. Mr. Ram- HR & Admin Head Pimpri Plant, Pune, addressed the students about methodology and systems of TATA group as well. After a session of 45 minutes we all moved to visit a highly advanced and systemized manufacturing plant. A car was allotted to every group of the students with the guide to make better understanding of the methods and flow of manufacturing.



enjoyment with lots of rides, shows, food and fun.

All junior as well as senior students supported each other, took care of each other and helped each other so well that it made this experience even better and unforgettable.

The whole trip was planned and coordinated by **Asst. Prof. Samir Dholakiya** and supported by **Asst. Prof. Kanchan Parmar**

## ACHIEVEMENTS

### Successfully Placed Students

The Training & Placement Cell of Kum. M.H. Gardi School of Management proudly announces the placement of students of the 2014 - 2016 batches till the date and the count will increase in the coming days.

The Trustees, The Management, Principal, Faculty and Staff

Members wholeheartedly Congratulate and Wishes the Placed Students and Placement Coordinator & his team for their effort in placing the students.

The list of placed students and their company as below.



**Miss. Delvadia  
Chandni Dineshbhai**

Executive - Sales  
Axis Bank



**Miss. Vasoya  
Pratixa Gangjibhai**

Admin Assistant  
Jairam Strap



**Miss. Dadhaniya  
Archana Mahendrabhai**

Executive - Sales  
Axis Bank



**Miss. Kamani  
Jayshree Rameshbhai**

Team Leader  
Vinayak Enterprise



**Miss. Vagadiya  
Ankita Ashokbhai**  
Operation Assistant  
(Derivatives & Securities)  
KIFS Security Pvt. Ltd.



**Mr. Chauhan  
Mahipatsang Ajitsang**

Asst. Marketing Manager  
Poojara Telecom



**Miss. Dholariya  
Viral Mukeshbhai**  
Operation Assistant  
(Derivatives & Securities)  
KIFS Security Pvt. Ltd.



**Mr. Parmar  
Harsh Vinodbhai**

Asst. Marketing Manager  
Poojara Telecom



**Miss. Barochia  
Anjana Bhupatbhai**  
Operation Assistant  
(Derivatives & Securities)  
KIFS Security Pvt. Ltd.



**Mr. Gohel Nishith**

Marketing Trainee  
Balaji Namkeens

## FACULTY ACHIEVEMENT

Dr. Vishal Khasgiwala, Director & Professor, Kum. M.H. Gardi School of Management, was invited as keynote speaker in National Seminar on Application of Information & communication Technology (ICT) for innovation in business on 5th March, 2016 at Anand Institute of Management, Anand.



He was also invited as resource person to speak on "How to crack the Interview?" in UDHISHA-Life Skill Workshop on 13 March 2016 organized by knowledge Consortium of Gujarat, Department of Education, Government of Gujarat and Hosted by Smt. Sadguna C.U. Shah Home Science & C.U. Shah Arts & and Commerce Mahila College, Wadhwan City, Surendranagar, Gujarat.

## LEARNING BY DOING

# One Day Workshop on using XCOS and GUI in SCILAB

### Objective:

- Simulation plays an important role in today's engineering, both in studies and industry. It virtually verifies the functionality of the system/circuit and provides the abstraction for implementing or modeling the system.
- SCILAB, Scientific Laboratory is a simulation and an open source tool which is used to build, code, simulate and analyze different systems.
- Two such significant modules of SCILAB include XCOS and GUI. XCOS is used to model different types of systems like electrical, mechanical, discrete time, continuous time systems or any combination of these. Readymade blocks are available for these, configuring different parameters of which



Busy in Analyzing & Happy to see the expected results after execution



Healthy Discussion..Analyzing the problem...



Enjoying the Session



"We are Highly Involved" - Don't Disturb.....



Simulating Designs

will allow you to simulate and analyze the system/circuit. GUI, Graphical User Interface, provides the facility to user to create their own GUI for easy understanding and accessibility of the system.

### Outcome:

After attending this workshop, Students will be able to

- Model the electrical system
- Set up the simulation environment and analyze the system.
- Develop the GUI.
- Write the Program for GUI.

**Organized By: EC Department**

**Date: 29th January, 2016**

**Semester/ Branch: 4th EC - C Division.**

**Teachers: U.K.Mehta**

### Student's Feedback on workshop Session:

- Hands-on in XCOS circuit modeling and simulation improved the circuit building and analyzing skill.
- Performing many such circuit simulations improved their efficiency to work.
- Students came to know that how actually the GUI, which they use often, are made very easily in SCILAB GUI module.
- Hands-on in building their own GUI improved their confidence.

- U.K.Mehta

**B**HGCET is an institution where continuous progressive efforts are made in developing students' **Knowledge, Skills & Attitude**. EC department of BHGCET organized departmental technical event **ADWITIYA'16** from **31st March to 2nd April, 2016** along with IEEE student chapter, Gujarat & IE (Institute of Engineers, Kolkata) to provide an opportunity, exposure and a platform to the students for technical know-how in 21st century which will definitely help them to be an Industry Ready Professional.

Total 7 technical events namely **Circuitrix, App@rduino, I know, I can, Hardware Troubleshooter, Catch the Bugs, Project Exhibition** were organized sparkled with the cultural programs. Adwitiya'16 was organized by the students of EC Department under the guidance **HOD - Prof. C.D. Parmar & Asst-Prof. Gaurav Joshi**. Student coordinators **Ms. Dolly Suchak (6th EC), Mr. Jaydeep Pandya (6th EC) & Mr. Shehzad Gadhiya (4th EC)** have put their whole hearted efforts to make this event a Memorable one.

### Inauguration:

Inauguration ceremony was held on 31st March, 2016 with the Dip Pragatya accompanied by prayer where well known personalities from Industries, Executive Director of the institute - **Dr. S.B. Jadeja** & all the Department Heads remained present to motivate the students of EC Department. It included motivational speech from Industry personnel, Dr. S.B. Jadeja & Prof. C.D. Parmar. Students also performed welcome dance (**Ganesha Stuti**) during the same.

### Industry Involvement:

Industry personal **Mr. Devendrasinh Jadeja (Technical Manager - Reliance Jio, Rajkot) & Mr. Kashyap Pattani (Director - Om Creations, Rajkot)** spent their precious time to motivate students in an Inauguration ceremony which helped build student's confidence that "They CAN if They think They CAN".

In Valedictory function, Industry personal **Mr. Piyush Patel (Managing Director - Raj InfoEnterprise Pvt. Ltd, Rajkot) & Mr. Abhimanyu Modi (Creative Writer - Sandesh News, Rajkot)** remained present to motivate & praise students for the Prize Distribution Ceremony.

### Alumni Involvement:

Adwitiya was started in year 2013 by EC department Alumni students. Adwitiya'16 was an event where we received support not only from Industry but also from our EC Alumni.

**Mr. Mustufa Attaria (2012-Pass out)**

**Designation: Engineer - Test & Development, Finisar India, Hyderabad**

He spent his valuable time during Project Exhibition & also shared his journey of success after Graduation. He also



Deep Pragatya During Inauguration



Motivational words from Dr. S.B. Jadeja



Mr. Abhimanyu Modi (creative writer, Sandesh News) is sharing his views during valedictory function



Mr. Devendrasinh Jadeja (Manager, O&M Reliance jio) is motivating students

# Adwitiya



Traditional Welcome with Rangoli made using Flowers



Mr. Aditya Prajapati is Anchoring during Prize Distribution ceremony



Mr. Kaushal & Ms. Pooja is hosting during Valedictory function



Alumni Mr. Sanal Upadhyay is guiding for SSB interviews to qualify for joining Defense Services



Mr. Hardik Keralaia during Cultural performance



Ms. performs during cultural programs



Building circuits on Breadboard



Busy catching Bug during Software Debugging



Desing & Implementing Circuit on Breadboard during Circuitrix



Students involved in Hardware troubleshooting





Ganesh Stuti Performance



Dignitaries during Inauguration ceremony



Mr. Piyush Patel (MD, Raj info Enterprise) is receiving token of Love from Prof. Rakesh Oza



Prof. C.D. Parmar is giving vote of thanks & appreciating the efforts of students & staff members

# ya 2016



EC students during inauguration



Ms. Ashvini & Ms. Abhisha is Anchoring during Inauguration



Alumni Mr. Mustufa Attaria is understanding students projects & providing necessary suggestions



Enjoying Cultural Programs



Students Developing Projects during Apps@arduino



Students Involvement in Quiz Competition



Winners of Circuitrix



Winners of APP@arduino



Winners of Hardware troubleshooting



Winners of Quiz

appreciated the efforts put up by the department for organizing such events.

### Mr. Sanal Upadhyay (2013 - Pass Out)

He has successfully cleared written examinations & several rounds of SSB (Staff Selection Board) for Defense services. He came all the way from Nasik to conduct Group Discussion & HR round of Interview in I CAN - MNC Interview Day Event.

"**Circuitrix**" provided opportunity to students to showcase their skills for designing and implementing electronic circuits. It helped improve the understanding of basic components in electronics, gave exposure in software simulation and hardware implementation of theory concepts.

The Arduino is an open-source platform which has become quite popular for building electronics projects. "**App@arduino**" provided a platform to students for interfacing their applications with a low-cost and easy to use Arduino micro-controller technology. It gave an opportunity for the up gradation of student's skills in microcontroller and communication technology.

The event "**I Can**" aimed at making student industry ready and enhance their Professional skills as well as communication skills. Being interviewed by the industry personnel, it motivated students regarding technical knowledge up gradation, need for interpersonal skills, Company Etiquettes, Adaptability etc. through which they can shape their better future.

As the name is self-explanatory, "**I Know**" was organized to assess basic knowledge of the students in the fundamental subject of electronics & communication as well as General awareness. Students can find this kind of Technical as well as general awareness quizzes in the higher level job interviews like Indian Navy, Indian army, Software industries and many more.

A good engineer should be a good problem identifier and solver. "**Catch the Bug**" was about circuit debugging ability check in software. It provided a platform to students for Electronics software proficiency self-evaluation, more specifically in C language. It enhanced learning by error solving.

Electronics hardware trouble shooting is demanded by lot many small & medium scale companies across the nation. "**Hardware Trouble Shooter**" was all about analyzing different types of the circuits and finding faults & correcting the same. It showcased participants' knowledge regarding various circuits, ICs, electronic components & more importantly finding and fixing faults in circuits.

A country, a state, a region and their people are identified by culture. The singing, dancing and performing skills of the students came out through "**Cultural Event**". It brought out the overall harmony and unity in the department.

## INDUSTRY EXPOSURE

### A Virtual Tour To Concrete World

To promote the concrete mix design and its usability, the department of civil engineering arranged a visit for the students. The apprentices were guided by **Prof. Jay Kapadiya** and **Prof. Krunali Savalia** through the journey of forest of concrete. Concrete is the crucial component for any construction activities; day-by-

**AIM:**

1. To Bridge trend of concreting with the current industrial demands.
2. To augment the visualization of theories explained in classrooms.
3. To cultivate the habit of having updated knowledge.

**OUTCOME:**

1. They had been fostered to have updating with the change in world,
2. Students mind had been tuned in order to decide the usability of different concrete as per its characteristics,
3. Students were able to judge the correct mix proportions of concrete materials,
4. This virtual tour made easy understanding of mix design of concrete.
5. Environmental impact of concreting and students were able to drive the design of eco- friendly concrete.

day the concrete features are altered to have ease during transporting, placing and pumping.

**Bhanu Concrete RMC plant** regulates and maintains the supply of self- compressed concrete in important structure construction at Rajkot. **Self-compacting concrete (SCC)** is a flowing **concrete** mixture that is able to consolidate under its own weight. The highly fluid nature of SCC makes it suitable for placing in difficult conditions and in sections with congested reinforcement. Self compacted concrete has good workability used in dam construction, bridge, tunneling, and docks & harbor also nowadays used in building.

It reduces the cost of transporting highly dense pre-fabricated/pre-stressed concrete beams or columns etc. The students were able to drive the difference between mix design of simple

concrete and SCC. With demand of high speed construction technology students should understand land consumption for such a large RMC plant and Silos, etc& its Environmental impact. The visit explored the observation and interacting professionalism among the students.



System of concrete conveyors at plants



Students fetching some memories



Keen observation of various components



Giant structures for transporting and storage of concrete



Testing compressive strength of every batch lot before providing to site



The world is a book and those who do not travel read only a page

## INITIATION

### CSI Club Inauguration

A moment of pure bliss was witnessed while inauguration of CSI clubs was held on 9/3/2016. Prof. Sunil Bajaja , Chairman, CSI Rajkot Chapter, had shared words of wisdom with us and shared the importance and the benefits of the clubs and active participation. Different domains were introduced for students development in specific spectrum; following are the clubs with their mentors:

#### Open Source club



Prof. Wasim Ghada and Prof. Jatin Ambasana directed the students towards Open Source.

#### Mobile Programming club



Prof. Trishla Shah, Prof. Krunal Malani sharing their knowledge about mobile programming domain.

#### Windows Programming Club



Prof. Ajay Ardesana, Prof. Dharmesh Bhalodiya showing the roadmap for club events.

#### Designing club



Prof. Riddhi Pandya enlightend students about designing



Mr. Sunil Bajaja, Chairman, CSI Rajkot Chapter, sharing his words of wisdom

## MNC Glimpse

Few of our students have made their glorified impact in the outside world by being selected in reputed multinational companies.

Zarna Savaliya from CSE-IT department selected in Vavni Ser



vices, Gandhinagar as a UI developer.

Hiren Joshi selected as Assistant System Engineer - Trainee (SAP) in Company: Tata Consultancy Services Limited, Gandhinagar.



## Paper Presentation

Barad Dipa, Nilesh Borisagar of 4th semester M.E participated in International Conference on Communication and Networks-ComNet 2015-16 affiliated to Computer Society of India and Association for Computing Machinery. They presented a paper on "Chronic kidney disease prediction using back predication neural network algorithm" under the guidance of Prof. Amit Sata.



Dipa Barad and Nilesh Barad presenting their paper

## GARDI HIGH FLIERS

### Achievers @ GTU Central Techfest 2016

**G**TU Central TechFest-2016 was hosted by Vishwakarma Government Engineering College, Chandkheda-Ahmedabad in association with L.D College of Engineering and L.M College of Pharmacy, on 11th and 12th march 2016. More than 40 technical events were organized and 100+ degree /diploma colleges participated. Our students brought glory to our college in the following events:

#### Rev Code

**Essence:** Rev Code was a event organized to sharpen up students brain, and was focused on testing the knowledge about software. **Bhavik Manek** and **Monika Savaliya** received **2nd rank** came out with flying colors in this event.



Some people just work hard and succeed on purpose...!!!

#### Quick Page

**Essence:** Quick Page dealt with creating a web page using language like HTML, CSS and JavaScript. Agenda being planning, creation and updating of websites and help students to have an insight towards web designing. 6th semester students "**Nidhi Gol** and



Work hard in silence, Let success make the noise...!!!

**Trusha Radadiya** imprinted their talent in the event by receiving **2nd rank**

#### Logo design

Logo Design Competition was aimed at extracting & testing the Logo designing skills and also to bring out the creativity of the participants. It was continued in two phases so that students can project their ideas and imagination in the most ingenious way possible by creating a unique & innovative Logo Designs. **Yagnesh Dave** from 8th semester shined among bunch of creative budding designers on achieving **2nd rank**



Winning is applying creativity with strategy...!!!

#### News Paper design

This event was aimed at finding the budding designers. Students were to design the front page for a newspaper using Photoshop or Corel Draw. Students were to use their maximum creativity and skills within given time. **Harsh Sheth** from 6th semester dazzled among the other participants with his achievement of **2nd**



Competition is good... winning is better..!!!

rank

#### Arduino HACK and MACK

This event was totally a project based event. Teams were informed to come prepared with their project Arduino controller. Best one wins the game..and definitely the best one belongs to the BHGCET family. "**Sudhir Rupapara, Priyal Mehta and Meghna Changarani**" from 6th Semester EC department secured **1st rank**



Winning isn't everything... it is the only thing..!!!

#### Robo- Sporty

There were more than 100 teams participated from various institutes from Gujarat and showcased their talent in robo-making. Students had to build a robot capable of playing soccer, bowling, dropping and pushing. It was aimed at judging students on the basis of their amalgamation of gaming passion and engineering skills. 6th semester Mechanical students **Harsh Vekariya, Harshid Marakna, Darshan Vaseya and Hardik Kansagra** excelled at the event and secured **2nd rank**.



Dreamt it, Believed it... Achieved it..!!!

## LEARNING BY DOING

# Long Hour Coding Session on Signal Processing in SCILAB

### Objective:

Signal Processing is one of the rapidly growing fields in the world. SCILAB is the most powerful open source tool to simulate various Signal Processing applications. Nowadays SCILAB is widely being utilized by research agencies/teaching institutes to simulate various applications in areas like Image Processing, Speech Processing, Sound Signal Processing and Video Processing. The **workshop of "Long hour coding on Signal Processing in SCILAB"** was organized to enhance the ability of



Applying Thought Process

students in SCILAB programming by performing different tasks. The mentor for the workshop was **Prof. Sunil Bhatt**

Various tasks based on Signals & Systems like checking the periodicity of the signal, justifying the various properties of the systems like Linearity, Memory Less, Time Invariance, Causality



Applying the Logic to implement Functionality

were performed. Tasks based on sound Signal Processing like reading the .wav file, Amplifying it, separating the left & right channel, Generating the Echo sound were successfully performed by students. Students enjoyed doing various Image processing tasks also like creating an Identity Image, negative image, conversion from RGB image to grayscale image, Image thresholding etc. Total 40 student participants were there.

Student participants enjoyed this workshop very much and they were expecting to conduct more such workshops by the EC Department.



Busy in Programming & Happy to see the expected results after execution

### Outcome:

After attending this Long Hour Coding Session, Students will be able to

- Understand how to write SCILAB code for Signal processing tasks.



Enjoying the Long Hour Session without getting Tired

- Analyze the Problem & write different functions for Sound & Image processing.
- To develop Logic for the same functionality & looping concept.



Getting Guidance from the Faculty

### Student's Feedback on Long Hour Coding Session:

- Our Logical thinking Skills are improved.
- Our Programming Skills are improved.
- We feel confident enough to write program in SCILAB.
- Do Arrange More & More such long hour coding sessions

## TECHNICAL DAYS

### Database Designing Concepts

**D**atabase Designing workshop was arranged by MCA department for the students of MCA semester -4, under the guidance of Asst. **Prof. Ajay A. Ardeshana**.

Aim of this workshop was to increase the knowledge of database designing.

Following topics were covered during



Group discussion

- Normalization
- How to prepare Data Dictionary.
- Activity- 1
  - o Designing ER Diagram based on Requirement Analysis of Project.
- Activity-2
  - o Designing & Normalizing Database based on ER Diagram.



Solved the query of students

this workshop...

- Introduction of ER - Diagram
- Introduction of Database
- Guidelines for deciding Entities &
- Attributes from requirement analysis,
- Rules for Database



Expert gives guidance

## WTAD Day

**W**TAD day was organized by department of MCA under the guidance of **Prof. Homera Durani** on 26th & 29th February, 2016 in association with MCA students of GardiVidyapith.

47+ students were the part takers and gained knowledge about different topics in WTAD which were advantageous to students for performing precise / Error Free coding. This workshop helped the students to get the knowledge and working on the Java Web Development in the industries, the scope of Web Development in the future and more importantly the workshop provided the opportunity for hands on experience to make sure, one gets the practical knowledge about the Java Web Development.

**WTAD topics are covered like**

- HTML
- JavaScript
- JSP
- JSTL
- Database connectivity

Concept of Shadow Teacher was implemented, Live

demonstration by shadow teacher, and same task was performed by students in groups, even activities like Quiz, Chit Programming, Puzzle Question, Chart creation was implemented. This comparative study helped students to get a clear idea about how the coding can be made accurate.



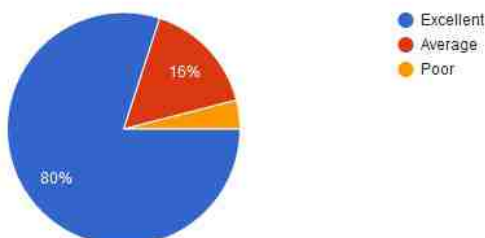
Students of MCA-A with their Canvas



Students of MCA-B with their Canvas

#### Feedback by Student

WTAD Day (45 responses)



Conti... from page 1 Spectacle of Success...

participation of girls in engineering education activities and the influence was clearly palpable with the greatest of teams inspiring their girl riders for race.

Team "**Praesto**" from Gardi Vidyapith who were in tears at the start of day due to their chain failure, in the due course turned out to be on the top of table staying undefeated among 42 other supreme institutes. Setting an example of "**Never Give Up**", they **stood at 1st position** and enjoyed the deserved success at maximum. Team "**Sayugavan**" and "**Nakamas**" both with a healthy prizefight, stood on **7th place** making Gardi Vidyapith precisely proud to have all its **3 teams in top 7 rankings** while competing with 41 best teams.

Endurance race was to be the most hard-hitting with drivers riding the vehicle for unceasing 2.5 hours. In the same, our teams "**Praesto**", "**Sayugavan**" and "**Nakamas**" stood at **2nd, 5th and 23rd position**. At the end of occurrence during the result announcements

in valedictory ceremony, team "**Sayugavan**" astonishingly made up to **3rd position** in the **overall rankings** keeping team members stunned to evidence the twist and turns. On the other hand team "**Praesto**" having a minor lag of **0.19 marks**, stood at **4th position** and team "**Nakamas**" ended up with **13th position**. All the teams were happy and satisfied with their noteworthy fruits for what they had watering the seeds since months and in parallel were preparing for participation in SPDC.

According to the fixed values and guidelines, SPDC had multiple static events like various Old Guard presentations and Student Design Competition. Students of Gardi Vidyapith performed exceptionally well and bagged many significant positions. **Robin Ranjan**, a final year mechanical engineering student stood at **1st position in Old Guard Oral Presentation as well as Old Guard Technical Webpage Presentation Competition with 700\$** in whole as well as a chance to present paper at **IMECE 2016**. **Divya Vekariya**, a pre final year student from CSE department was ranked at **3rd position in Old Guard Technical Webpage Presentation Competition**. **Kedar Mehta**, also a final year mechanical engineering student was bestowed with "**Best Technical Content**" in Old Guard Oral Presentation and an amount of **50 \$**.

**Dr. Siddharth Jadeja**, being the **Student Regional Advisor, ASME Asia Pacific** was honored by VIT for his manifestation as well as being the **chief judge for**

**Student Design Competition**. At the end of event, **Jeet Trivedi** - chair of ASME BHGCET Student Section has been selected as a **Zonal Representative for Zone 5 and Zone 6** specifically comprising of states **Gujarat and Rajasthan**.

Concluding in a nutshell, ASME HPVC and SPDC was a bizarre of feat with many benchmarks of success which would act as milestones for the forthcoming ASME student members of Gardi Vidyapith.



## LIVE LEARNING

# HAM RADIO Exhibition and Demonstration

### Objective:

Department of Electronics & Communication Engineering, B.H. Gardi College of Engineering and Technology-Rajkot along with **Amateur Radio Satellite Programme (AMSAT), INDIA** organized **DEMONSTRATION & EXHIBITION OF AMATEUR RADIO (HAM)** on 2nd April, 2016 as a part of Adwitiya'16. The objective of this demonstration was to create awareness about amateur radio communication among engineering students and staff. The whole event was managed by Prof. Gaurav Joshi along with student coordinators of Electrical Department, Mr. Dhawal Hirani, Mr. Rajan Trivedi, Mr. Vimal Bhalala and Mr. Akshay Rajyaguru.

### Detail:

The session started with the welcome speech of Mr. Dhawal Hirani (4th Electrical Student) who welcomed Mr. Rajesh Vagadia -VU2EXP, Regional Coordinator (west India Zone) AMSAT-INDIA to deliver his expert talk regarding HAM exhibition and demonstration. Mr. Rajesh Vagadia was accompanied by Mr. Praveen Vagadia, Mr. Amit Patel and youngest HAM Ms. Sakshi Vagadia.

Mr. Rajesh Vagadia started his talk with the Ham Radio Documentary. Ham Radio Emergency Communication is useful in any Natural calamities like earthquake, flood, fire in forest when all conventional communication equipments fail to operate, HAM is one which can help to communicate for rescue operation. For example HAM was main communication



Live Demo of Morse Code by Mr. Rajesh Vagadia



Mr. Rajesh Vagadia interacting with Prof. C. D. Parmar



HAM Exhibition



Students interaction with expert to satisfy their curiosity and queries



Image and text transfer through HAM Radio Communication

technology used in earthquake at kutchh and Latoor, Flood in Uttranchal.

There was also an exhibition of HAM radio equipments, Antenna, Accessories and an exhibition of cartoon gallery on HAM (Propose First Time In India). HAM radio Live Demo included SSTV Image Tx/Rx Demo, Morse Code Demo and Receiving ISS SSTV Image from ISS with VHF or RTL SDR Dongle.

### Outcome:

This event motivated students to serve society with their technological knowledge. It created understanding about the role of satellite communication in HAM, transmitter and receiver equipments and wireless frequency spectrum. It also inspired them to go for HAM certification.