



THE Gardi TIMES

time to step ahead...

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69th Independence Day Celebration @ Gardi Vidyapith

"Independence", a term which ignites the blood illustrating love for our motherland but on the other hand, impels tears to roll down the cheek in honor of sacrifice by freedom fighters and soldiers.

As per the tradition, Gardi Vidyapith celebrated India's 69th Independence Day with immense patriotism. The occasion was consecrated with the presence of charismatic gems of Indian Army which incorporated highly regarded Captain Jaydev Joshi, Junior Commission officers Subedar Jyotindrasinh Zala and Subedar Dharmendrasinh Vala respectively with non-commission officers Ashwinbhai Mendavadia, Amarsinh Halapra, J.N. Pandya, Ramesh Hadwani, Arvindsinh Jadeja and Kirit Bhatt.

T.V. Mehta Plaza was full to its capacity with spirits, full of patriotism and eyeballs with emotions. On command, the flag was unfurled in the air and was followed by reciting of national anthem. The gathering froze for 52 seconds with eyes staring the tricolor and hands on heart. It was assuredly a worth broadcasting sight which ended with high roars of "Vande Mataram" and "Bharat Mata ki Jay" touching the sky.

All the guests were wholeheartedly greeted by offering them a souvenir as an appreciation for their ready to adorn the stage and fighters and soldiers with their ceremony was a drama cum "Mech Breakers" greeted by offering them a presence. Participants were commemorate the freedom performances. Heart of the dance performed by a team which depicted life of

Conti... page 3



Glorifying the jewels for impressive performance in ASME IDSC-2015, Boston (USA).



Saluting the Tricolor

PASSION FOR LEARNING

Android App without Coding

Date: 8th August, 2015

Venue: Convention Centre

ASME BHGCET Student Section sturdily believes in continuous growth and all round development of the students. With the same aim, plentiful workshops, seminars and activities have been presented to its members endlessly. Also visualizing the current scenario of techno savvy world where android is prominently making its place, one such workshop was organized on "Android App without Coding".

Being the most desired topic to learn, the auditorium seemed jam packed with more than 300 students irrespective of the department and semester gazing towards screen and the tactics of facilitator. To everyone's surprise, workshop was conducted by **Virat Patel** a sophomore of CSE department, Gardi Vidyapith which was even jaw dropping sight for every student. Such platforms provided to the students as well as high talents of students depict the vividness of Gardi Vidyapith at an eminent level.

- Vishak Veliyath (5thMech)



Applications Covered

- Simple Hello World
- Text To Speech
- Speaking Calculator
- Add translator for your app
- Online Image Downloader
- SMS/ Testing Apps
- Paint Brush App
- Building Own Browser

Chief Topics Covered

- Basics of Android OS
- Android Emulator
- Basics of Android App Development
- MIT App Inventor



Focused learners immersed in the ocean of knowledge...!!

Conti... from page 1 Independence Day...



At the Pinnacle of Patriotism

Legendary Chandra Shekhar Azad and enforced patriotism in each and every molecule of air. In return, the swarm appraised the nationalistic and tear-jerking performance with a standing ovation.

The stage was then seized by Captain Jaydev Joshi who shared his contentment of observing the spark of nationalism during the drama performance. Even though being a man of honor and respect, he requested his entire team to stand and clap for Gardi Vidyapith for its continuous steps towards dignifying the freedom fighters by such outstanding arrangements of Independence Day celebration every year. It was certainly a moment of pride for every Guardian. In continuation to that, Honorable Shri D.V. Mehta, the chairman of Shri T.V. Mehta Charitable Trust up stretched the zeal and keenness of students by his motivating and stimulating words.



Remarkable Dance cum Drama depicting the life of Legendary Chandra Shekhar Azad

It was followed by a blended ceremony of dance and other performances which portrayed their dedication and devotion towards motherland. To encourage the rank holders of Gardi Vidyapith, scholarship distribution observance was arranged on the same day in which the deserving scholars were bestowed with recognitions by the army men's hands. It certainly fortified the students with a thrust to work hard for attaining this feat of matchless success.

Apart from this, all the extraordinary achievements of Gardi Vidyapith were highlighted and students were honored with certificate and mementos. The day ahead looked to be imaginary adoring as it begun with such wholehearted acts and performances. The ceremony ended on a splendid note as it bestowed each and every one present with sweet in hand and patriotism in heart.



Atithi Devo Bhava



Dignifying the deserving scholars



Discussing India's insight - Captain Jaydev Joshi



Anchors at their best



CELEBRATION

The Bliss of Attending the Fresher's Party

The excitement was relieved on 5th day of August 2015, when the freshers were introduced to the seniors and at the other hand the seniors also were more encouraged to welcome the juniors through the welcoming party.

The party was organized in the convention centre of our college from 5:00 p.m. to 9:30 p.m.

The selection was based on the criteria of personality, dressing sense, confidence etc. The program really meant to spell the talent. The students came to know that MAM and MBA Juniors significantly have superiority in various areas like dancing, singing, mimicry, standup comedy and poetry. The competition was really tough and it was difficult to select any two from the participants. The judges of the event were Assistant Professor Kanchan Parmar and Assistant Professor Ashita Mansuriya.

Finally, the crown of Miss Fresher was given to **Kausha Raithatha** who thrilled the stage with her fabulous dance performance. The award of Mr. Fresher was greeted to **Yashraj Zala** who had sung the

emotional song. The event ended up with the Raas-Garba and delicious dinner.

At the end of the event everyone had the boner smile on their face. This was the most memorable start up by the seniors till now.

The special thanks to our Honorable Director and to all the faculty members who gave us the opportunity to spread this joy to our juniors.

- Ruchi Raithatha (MAM Semester V)

Miss Fresher and Mr. Fresher were selected on the following 3 rubrics:

- Comic Introduction
- Talent show
- Logical Quiz



GETTING ADEPT

Observation Matrix Canvas

The department of Mechanical Engineering organised "Observation Matrix Canvas Activity" on 21st August, 2015 for the final year students under the guidance of Prof. A.J. Kavar (IDP/UDP In-charge). At the time of defining their IDP/UDP project scope, the team explored their creative ideas about the IDP/UDP project. The elements should be revised until a satisfactory scope has been created. To make the best use of scope as a project guideline, all stakeholders should commonly agree upon and authorize the defined scope before initiating the project. All these activities and their summary were jotted down by all the students in their canvas using sticky notes. They had funnelled out a single scope and limitation that will be overcome by their projects. This canvas formed the base of their project and directed their work flow. The first schematic below shows a typical layout of an observation matrix.

- Prof. A.J. Kavar

Skill Enhanced: This canvas activity fostered collaborative attitude and increased creativity of the students while improving novelty of their project work.



Colourful Creativities on Canvas...



Brainstorming for canvas preparation...!!



Acknowledged informative views on paper



Drafting their thoughts...



Shaping the creative ideas...

GETTING ADEPT

Sports Day @ M.H. Gardi

Games are always the way to enhance the student's mental and physical growth. Sports provides them energy and strength. When the students are physically fit, they will achieve more academically. Sports develop a sense of friendliness among the children and develop their team spirit. They help the children to develop the mental and physical toughness. Sports shape their body and make it strong and active. Children actively participated in the sports to avoid of being tired and lethargy.

Recognizing aforesaid pro-vital importance of sports in life, Kum. M. H. Gardi School of management had organized "Sports Day".

All the students from MBA and MAM had participated enthusiastically and seemed very active and enjoyed the Sports day.

On behalf of MBA department we appreciate the student's event management and participation it was a memorable day for all the students as well as for faculty members too.



Event Managed By: Students of MAM Sem-3
Date: 19th August, 2015
Venue: Naturally enhanced college's sports ground.
Participation: All students of M.B.A & MAM
Games: Chocolate finding, Musical chair, Tag of war, Lemon Spoon, Three Legs, Kho-Kho, Cricket.

Students learned various management lessons like:

- How to organize event
- Team spirit
- How to be competitive
- How to come up for defense
- Strategic learning.
- Own Strength & weaknesses

EXPERIENTIAL LEARNING

2 Days Hands-On workshop on AVR Microcontroller & Interfacing

Objective:

Embedded system (one of the fastest growing field in electronics engineering industries) asking the sound knowledge of various kinds of microcontroller from the students. So to fulfill the industry requirement and to make the student industry compatible, EC department of B H Gardi college of Engineering and Technology, organized a 2 day workshop on AVR Microcontroller which was conducted by **Mr. Bhavin Bagtheriya**.

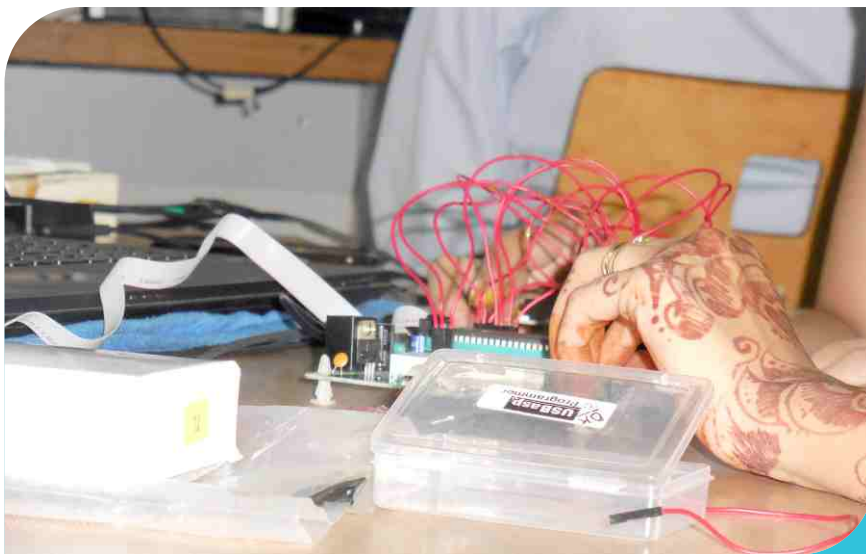
Outcome:

By learning this workshop students

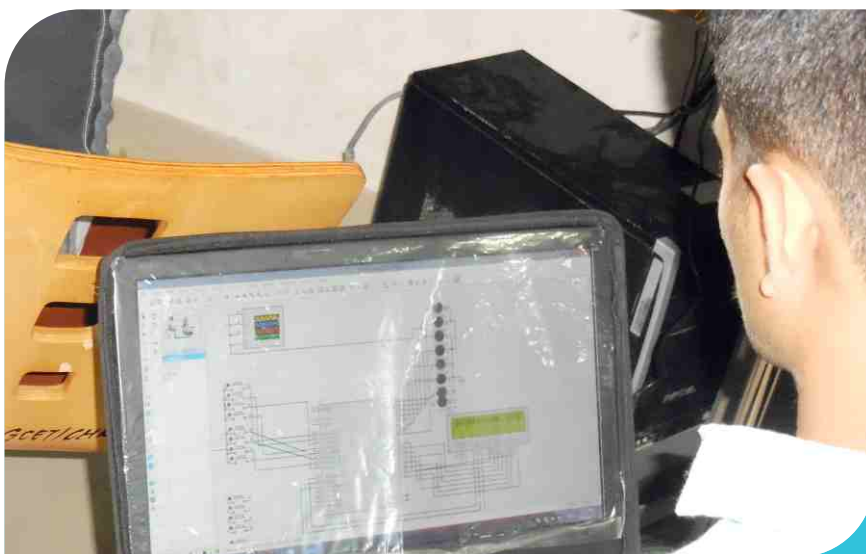
- Able to do the programming of AVR (AtMega 16) Microcontroller in Assembly as well as C language



Expert helping the students to solve the problem



Students debugging the circuit for getting output



Student getting the output on simulator software

- Interface various peripheral devices with AVR Microcontroller
- Able to understand the internal features of AtMega 16 like Enhance I/O capabilities, ADC etc.

Various Peripheral devices interfaced:

- LED
- LCD
- ADC
- Temperature sensor

Student's Feedback on Workshop:

- In this workshop, we learnt many internal features of AVR microcontroller which can't be found in 8051 or any other low level microcontroller.
- We enjoyed this workshop a lot, specially interfacing of inbuilt peripheral of AVR microcontroller was amazing.

Organized by: EC Department

Date: 7th & 8th August, 2015

Time: 8:15 AM to 4:40 PM

Sem/Branch: 5th & 7th EC

Expert: Mr. Bhavin Bagtheriya

Faculty: Prof. Shveta Pandya, Prof. Mehta Ashish

Bridge Course

An Investment in Knowledge

We have always been delighted at the prospect of a new day, a fresh try, one more start, with perhaps a bit of magic waiting somewhere behind the morning. Stupendous was the magic of Bridge Course.

B.H. Gardi College of Engineering & Technology had the privilege to design the Bridge Course, a 4 week program by GTU intended to facilitate smooth transition for the students from schooling to engineering. During the tenure, students made a first step in engineering by interacting and working on multiple disciplines of Life and Education which included, Science Literacy, Social, Ethical & Civic Responsibilities and a pinch of engineering subjects with Bloom's Taxonomy. This created awareness amongst the students of their personal potential, the rich Indian history in science and technology and the role of future engineers for development of society. It also acquainted them with the new campus.

A warm welcome to the students has always been the tradition of Gardi Vidyapith. Following the same, the Orientation Program included an ice breaking activity - A Quest to Know All, wherein the students competed to know maximum batch mates. So, all became friends, no more strangers.

The students were encouraged and motivated for their bright future as Engineer by the speech of **Dr. Siddharth Jadeja**, Executive Director of BHGCET followed by the welcome speech of Honorable VC Sir, **Dr Akshai Agrawal**.

An addition to their enthusiasm was The Tech Movie Show where students enjoyed the movie **I-Robot**. Post movie was a group activity which made students think out of box and stretch their thought process.

The successive days, the students were deeply engaged with the basic pillars of Bridge Course:

1. Village Visit
2. Learning Engineering
3. History of Science and Technology
4. Life Skills

To make a move beyond traditional learning methods and towards Outcome Based Education, Blooms Taxonomy was introduced. We believe learning through experience is better understood. Thus, few concepts of each domain were imparted through Active



Aspirant Engineers - On Toes to know each other



Capture of Warm Welcome



Teamwork is less ego and more we go

The Grandeur Endeavor

always pays the Best Interest.



Visit at Kukma village, Bhuj



Best teaching - Hands on working



On Spot Innovations - New techniques to calculate value of Pi

Village Visit: *To solve any problem one needs to experience it.*

The students were made to move out of their comfort zone. The visit made them identify the problems faced by village people and they came up with engineering solutions. Like a professional, then they presented their solutions. This activity made them realize their social responsibility as an Engineer.

Learning Engineering: *Precision is the utmost priority for engineers.*

To make them realize the importance of precision in their studies, disasters and inventions were introduced. By identifying the reason of disasters and sources of invention, and presenting their findings, built a flair of knowledge with a skill to present.

Learning. It included the basic concepts of C language (CSE/IT), Quantity Survey and Estimation (Civil), Hands on practice on Electric wiring and circuits (EE), Making of Balloon Car (Mech)

Technology and Science: *Prior to Interest in Learning is the Pride to learn that subject*

Indian History has phenomenal presence of advanced technology. Making students aware of the applications of technology in ancient times and existence of its roots in Indian History rejuvenates a feeling of pride to be an Indian Engineer.

Awareness of Vimana Shahstra (aeronautical engineering), application of Newton's Laws, Archimedes Principle, Gravitational Law prior to its formulation, methods to find North and South Pole without compass, calculating value of Pi without ruler and last but not the least designing a city with the perfection of Harappa Civilization excited students to explore our history and work beyond horizon to achieve their goals.

GETTING ADEPT

Design Engineering Activities @ CSE/IT Department

Prof. Dharmesh Bhalodiya of CSE/IT Department conducted different activities for CSE/IT 3rd & 5th Semester students under the subject of Design Engineering 1A. Prof. Dharmesh took the reference of activities mentioned in the paper entitled "35 Design Activities to Try in an Engineering Design Class" by Clark Merkel & Patsy Brackin of Department of Mechanical Engineering, Rose-Hulman Institute of Technology. The paper was published under "Proceedings of the 2003 American Society for Engineering Education Annual Conference & Exposition, American Society for Engineering Education", Session 2325.

DE 3rd Semester Activity "One-WordStory": Moving Toward a Goal One Word at a Time



Novice engineers brainstorming on their ideas



Formulating their ideas on paper



Perfect teamwork makes a project perfect



Idea sharing through One Word Activity



Acknowledgement & appreciation for the teamwork efforts

DE 5th Semester Activity "Let the Idea Fly" - An Idea Generation Exercise Task: To build on the ideas of others



CSE 5th SEM students presenting their ideas



Question Time - Customer Revalidation

- Prof. Jatin Ambasana (CSE/IT Department)

Conti... from page 8-9 Bridge Course...

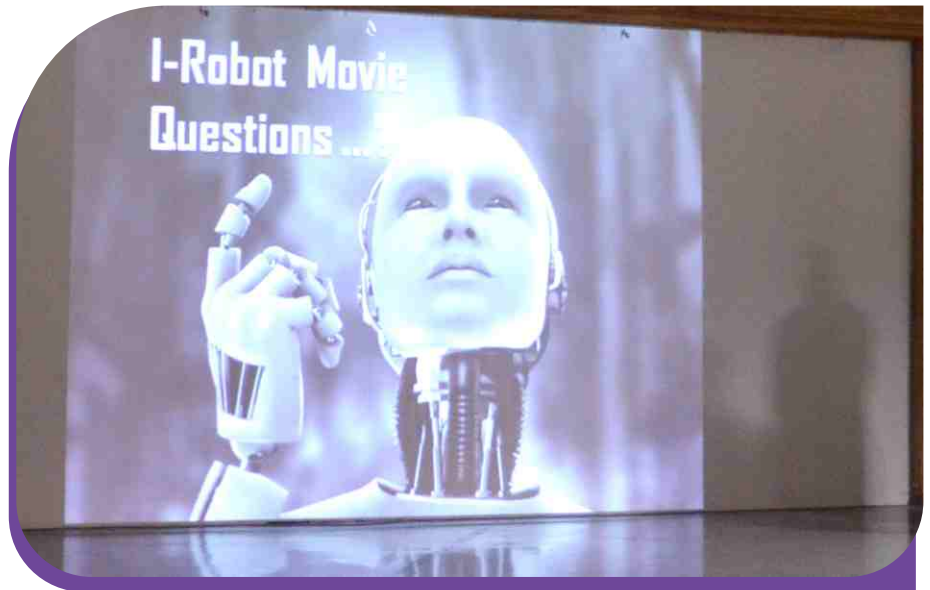
LIFE SKILLS, one of the pillars of Bridge course was to make the students learn and know the different skills of the life to develop and groom themselves. Life skills are the abilities for positive and adaptive behavior that enable the students to deal with the challenges of everyday life.

There were different 5 activities as a part of Life Skills Development:

1. Be happy and make others happy.
2. Ideas Matter - Group Discussion.
3. Role Play
4. Anger Management
5. Motivational Movie Club.

The students were involved in all the activities with full zeal and zest and had learnt good lessons.

To enhance team spirit, collaborative learning, critical thinking, readiness to accept and deal with challenges and to create a whelming environment for education, all the activities were conducted in teams and in soothing



environment. The activities were challenging, to make them stretch their thought process and work beyond comfort zone.

Tree plantation was done by students with an aim to explore nature, save ecological balance and understand civic and environmental responsibilities. Again working in a new field with a matured mindset was stimulating. Students' involvement was irresistible.

Thalassemia test and Yoga sessions were also a part of Bridge course to enhance health awareness and a practice to improve mind and body balance. The students participated with much zeal and enthusiasm.



Collaborative learning enhances thought process



Engaged Learners



Fun with Nature



GETTING ADEPT

OMT @ TulsiShyam

M.H. Gardi School of Management, one of the prominent institutes of Saurashtra region has organized OMT (Out bound Management Tour) at the forest of TulsiShyam for the students of management.

Almost 55 students and 4 faculties were the part of OMT on 8th Aug., 2015. The basic concept behind this arrangement was to make a bridge of understanding between the seniors and juniors in friendly environment, to make them familiar with each other, of

the rich natural resources, like waterfall, tracking site and forest view. All spent about an hour and half over there, understood historical value enjoyed a lot in the river of cold water and at last happily returned back to the home town.

The whole trip was organized by Asst. Prof. Samir Dholakiya and supported well by all the staff members as well as student coordinators. At the end when all were moving down to home it was really a nice feeling to observe like strangers became good



course along with enjoyment.

All of them enjoyed a lot in the natural environment of the forest of the TulsiShyam. Played lots of games on the road and at the destination. The place is known for forest as well as hot water natural ponds.

After the lunch the next destination was Galadhara Dam. It is the another awesome place visited by the students. The place has

friends. There was no gap like junior and senior. Every one saying goodbye to each other, taking care of each other. Ultimately the trip resulted in the strong bonding between new and old students. The eye catching part of the trip is the newly admitted students who felt like "yes now we are also a part of this institute."

This trip has added one more day in to the history of Gardi Vidyapith which was full of joy, care and unforgettable moments.

GETTING ADEPT

Workshop on Fundamentals of Networking

The department of MCA had organized a workshop on Fundamentals of Networking on 23-08-2015 under the coordination of Prof. Ajay A. Ardeshana. Industry expert, **Mr. Kalpesh Vyas**, Operational Leader from Wipro Info. Tech, **Mr. Bhaumik Trivedi** a Regional Network Leader of Saurashtra Zone from Wipro Info Tech. and **Mr. Sagar Bhatt** from Vodafone who is handling a career Ethernet network of Saurashtra & Kachh Zone rendered the knowledge to the students of MCA 3rd and 5th semester.

Following points were discussed in workshop:

- What is effective communication and how it will lead to a development?
- What is the role of Networking in effective communication and how it makes communication more effective?
- Different types of networking devices and their role to establish the network.
- How message from sender will be received by the receiver on facebook and twitter?
- How telephone call made by a caller travels through the telecommunication network and reaches to the other hand.

- By Prof. Ajay A. Ardeshana



Group Activity to know about different types of cables used to create network



Group Activity to know how to crimp the Network Cable



Experiment on Peer-to-Peer connection.



Connected two nodes using switch



Happy Ending Moments.....!!!!

GETTING ADEPT

Expert Session

Kum. M. H. Gardi School of Management organized expert session on 7th Aug.,2015 to get the practical knowledge of business to the students. For this purpose the college had invited a well known personality and a famous name in Rajkot market, Chairman of PUJARA TELECOMMUNICATION, Respected Yogeshbhai Pujara and another great expert from JAIRAM STRAP COMPANY, Miss Janki Sonaiya.

Mr. Yogeshbhai Pujara discussed with the students about his struggle and how he is doing growth in his business. He discussed strength and weakness of his firms and received suggestions for his firm from the students. He discussed about his future plan of 108 branches of PUJARA TELECOMMUNICATION. He is also planning to launch plastic cover which is water proof and can be used at any season. Mr. Pujara suggested some of the point for doing

successful business which are innovation with (What the public wants?) Team work, Daily Analysis and Proper Utilization of Technology.

Miss Janki guided many untouched points about marketing:

(1) What is Marketing? (2) How is the career in Marketing? (3) Why the students are avoiding marketing field? (4) Which are the field of marketing? And so on. All the students were inspired from her motivational speech.



GETTING ADEPT

Seminar on Overseas Study

Studying abroad is an important period of anyone's life. It contains lots of exposure, experience and personal development. It has deep effect on the students because people from all over the world come at one place having different cultures and different school of thoughts. When they study together they discover new methods of study and research.

However there are many confusions taking place in the mind of students as well as in the mind of parents. For these purpose and solving the doubts of the students Kum M.H. Gardi School of Management, has recently held the seminar on 6th August, 2015 about importance of Overseas study and how to go abroad for study without facing any trouble. The programme

was conducted by Respected Prasanna Acharya sir who has given the through guidance to the students and he is involved with Grandeur Overseas Education & Immigration. He gave the guidance that which country is suitable for which courses? What are the barriers involved in overseas study? What courses are valuable in current scenario? And also highlighted about the

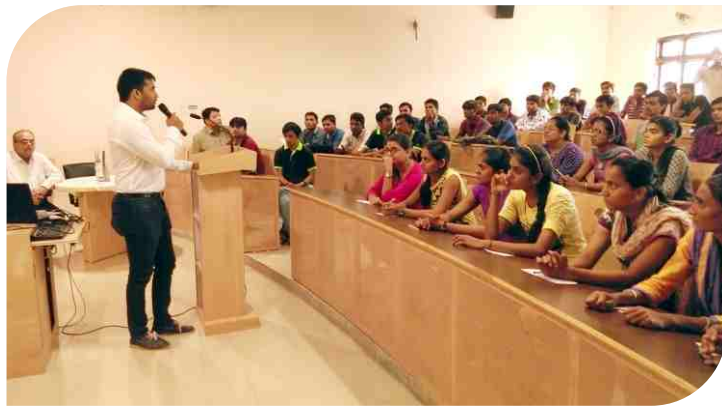
IELTS and the TOEFL.

He also furnished the knowledge about self development, which has created major effect on the students. He has explained the benefits like how they learn new languages; how they share interests with other students. They came to know how it feels to live independently. They learnt how to take decisions without

family support. They usually experience a different and new education system. They see new places which broadened their thoughts. All these things make them confident and powerful which leads them a successful life. The students who do research work can create a lot of possibilities for themselves because new place always has some new research facilities.

Sometimes some theoretical and practical gadgets which is not available at their home country can be available at new institute which can help in their research.

As a fruitful result of this the seminar students had shown their interest towards overseas study and also had a conversation with Respected Prasanna Acharya sir for solving their doubts.



ACHIEVEMENTS

Faculty Achievement

CSE/IT Faculty Achievement @ International Conference-(INDIA 2016)

It is a proud moment for the Gardians as **Prof. Trishla Shah** from CSE/IT Department has been invited by Dr. Suresh Satapathy, The Chairman, Division-V (Education and Research) 2015-17, Computer Society of India, as one of the Technical Program Committee members in the upcoming International Conference - Third International Conference on "Information System Design and Intelligent Applications (INDIA - 2016)", to be held in ANITS, Sangivalasa, Vishakahapatnam during 8&9 January 2016. CSE/IT Department congratulates her for this remarkable achievement.



Proceedings of the Conference, INDIA-2016, will be published by Springer in Advances in Intelligent Systems and Computing (AISC) series.

Conference details can be found from following link:

<http://www.conference.net.in/india2016/tpc.php>

Students Achievement

1st Prize Project entitled "THEO JANSEN CYCLE AND ANALYSIS" presented At IDSC (Innovative Design Simulation Challenge), Boston, MA, USA



Rohit Solanki(7th semester), Harsh Pandya (5th Semester) and Jeet Trivedi (5th Semester) Students of Mechanical Engineering have presented project entitled "THEO JANSEN CYCLE AND ANALYSIS" At IDSC

(Innovative Design Simulation Challenge), Boston, MA, USA - 2nd August and

Honors to Wining Team:

- \$2000 to the team members
- \$1000 to the mentor
- Five year free membership of ASME

won the 1st prize in the Mix Software category.

They proposed the design of leg mechanism inspired from Theo Jansen Strandbeest with the linkages which can eventually change the whole idea of traveling with the wheeled vehicles. The project can effectively work like in muddy surface, hilly area, deep forest and desert. The most important application is for areas affected by landslide.

There were 12 teams from

USA, Japan, Taiwan, Pakistan etc. participated in event. The project was guided by Dr. S.B. Jadeja (Executive Director - Gardi Vidyapith&Secretary, GLT India, ASME).



Grants:

- \$1500 for a visit to Boston+
- free Registration for IDCETC+
- CIE conference at Boston From 2-5 August +
- competing in IDSC

CLICK PICK



- Raj Kalavadiya (15ME048)