



THE Gardi TIMES

time to step ahead...

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Chairman's Message

Words really fail to express my joy at the news of completion of one year of "The Gardi Times". Congratulations to the editorial team on a very successful completion of your achievement. Your contributions are extraordinarily GRAND and continue with your embarking vision.

It gives me immense pleasure to note that response to "The Gardi Times" has been overwhelming. The wide-spectrum of articles in different sections gives me a sense of pride that our students and faculties possess creative potential and original thinking in ample measures. Each article is entertaining, interesting and absorbing. I applaud the contributors for their stimulated thoughts and varied hues



for and producing the newsletter. My congratulations to the team who took the responsibility for the arduous task most effectively.

On this occasion, I seize the opportunity to bid a warm adieu to the outgoing batches of students on successful completion of their course of study. I am confident wherever our students will be placed shall work with passion, perfection and dedication.

"The Gardi Times" is like a mirror which

in articles contributed by them.

Commendable job has also been done by the Editorial Board in planning

reflects the clear picture of all sorts of activities undertaken by the institution and develops writing skills among students in particular and teaching faculty in general.

I congratulate the Editorial Board of "The Gardi Times" who have played wonderful role in accomplishing the task in record time.

I am hopeful that this small piece of literary work shall not only develop the taste for reading among students but also develop a sense belonging to the institution as well.

Desire is the key to motivation, but its determination and commitment to an unrelenting pursuit of your goal - a commitment to excellence - that will enable you to attain the success you seek.

"Wishing you all the best in all your ventures, efforts and careers"

-D.V. Mehta

GARDI EXCLUSIVE

Mid Term polls seems to have been an easily accepted term in India. India is the biggest democratic country in the world. In democracy people share equal rights and have the right to elect the person of their choice. It is for the people, by the people and of the people. Generally, the elected government has a five year term to rule, but if there is minority in the Lok Sabha, there is all possibility of mid-term elections. This is what is exactly happening in the political scenario in India.

Consider the UPA government. People elected the government twice, but looking at the political situation today, it is difficult to say that the government will even complete five years of tenure that ends in 2014. Hints of mid-term polls have already been given by some political parties.

After Trinamool Congress left the UPA, 18 members of parliament from the DMK also left UPA. The Samajwadi Party headed by Mulayam Singh Yadav is supporting the government from the

Expecting Stability and Change, Youths In Favour of Early Mid-Term Polls

outside, but seems to be playing the game of cats and dog with the UPA Government. In such situation, it is quite possible for early elections if political experts and analysts are to be believed. All eyes are on the general election. According to estimation, around 60 % of the voters this time will be youths.

A special survey was conducted for Gardi Times to find from the country's biggest vote bank youths. Do they favour mid-term polls and did it have any impact on them?

The results were shocking indeed. Almost 70 % of the sample surveyed opined that if election occurs before time, there was nothing to get shocked about. Only 30 % sample was against early election.

According to Jignesh Patel an IT student at Gardi Vidhyapith "If the government falls into minority, it is no surprise because people are already suffering from inflation and price hikes in every item. This has happened only because of the UPA government."

For any democratic country, election before time is never considered as a



healthy move. "Time and money with many other things are lost in the process. But today, people are very tired of this government. I want elections should take place before time so that we can get some relief." believed Hetal Patel of Atmiya college.

However, the finance Minister P Chidambaram very recently ruled out the possibility of early general election at a press conference and said the government will complete its agenda for 2013 and then go to polls.

"There will be no early elections. Elections will take place on time in May, 2014," Chidambaram said at an hour-long press conference.

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CAMPUS DRIVE

The CSE, IT and MCA department of Gardi Vidyapith organized a mega event Immaculate'13: A National Level Technical Symposium on 17th and 18th March. The objective of the event was to develop various skills such as Technical Skills, Managerial Skills and Communication Skills among the students and to expose them to the current trends in the technical, professional and industrial fields.

The event was a bouquet of various projects and competition to develop and nurture the talent of the students. It included Project Competition (PRAKALPA), Hackathon (24 Hours Coding), niStantrIjAlaka (Wireless Networking), Google Search (Web Searching), PraznamaJca (Quiz Competition in C/C++), LAN durodara (LAN Gaming). Prizes over One Lac Rupees 100500 were offered at Immaculate'13 for the different events. Registration of the event was free.

The event was open for the students of Degree Engineering (UG/PG), Diploma, MCA, M.Sc. IT, BCA, B.Sc. and IT students. Students from various renowned institutes like NIT, P.D.P.U and many others from all over the India took part at the event. Event was judge by The experts from different industries.

Project Competition (PRAKALPA)

Total Registration: 286

Total Project: 65

The Project Competition provided a wide platform to students to demonstrate and present their ideas and innovation through projects. The projects were judged by a team of experts, providing participants with valuable experience of real-world evaluation. It exposed students towards creative and logical thinking and encourage their talents in developing software to provide logical solutions to problems. The aim of the competition was to provide participants with a stepping stone for the furtherance of their educational and career prospects.

There were two tracks (Track-1 and Track-2) for degree as well as diploma. The prize for winner was 10000 and for runner up 5000 in both track.

Immaculate'13 :

Faculty Coordinator Name:

Prof. BhavinGurjar, Prof. Kunjal Garala, Prof. Kinjal Doshi, Prof. Vishal Bhut.

Hackathon (24 Hours Coding):



The CSE-IT-MCA Departments, B. H. Gardi College of Engg. & Technology, Rajkot., had also organized a Hackathon (24 Hours Coding) event under Immaculate-13.

This event was coordinated by Prof. Milan B. Kadivar (MCA Dept), Prof. Sachin Vadodariya (CSE Dept) & Prof. Nishant Makwana (IT Dept). The main motive of this event was to promote fun building and creative activities. Hackathon event was an independent, informal challenge coding event.

Hackathon (24 hours coding) competition was held for the first time in Education sector in Gujarat. It was a platform for programming enthusiasts to showcase their coding skills, technology know-how and most importantly their thinking approach with solutioning capabilities. The event was open for all students of various disciplines in BCA, Bsc (IT), Msc (IT), Diploma & Degree Engineering and MCA. Student were free to use any programming language & technology like DotNet, Java, C, C++, PHP etc... Participants stayed at B. H. Gardi College of Engg & Tech premises during entire schedule of the event. Food and refreshment arrangements was made available to facilitate every participant during night.

Total 160 participants had registered online. Out of these 90 participants reported on the day of event. These 90 participants appeared in 1st round of MCQ test which was of 50 marks. Out of 90 participants, 60 participants were shortlisted for 2nd round. 2nd round was

A Mega Technical Event

also MCQ test. Finally 40 participants were selected for final round to perform coding and to show their consistency in coding.

The projects completed in these 24 hours were judged by team-members from Infostretch Solutions, Ahmedabad. The team included Ms. Payal Patel (Tech Lead & Leading team efforts), Mr. Irfan Kothari (Tech Lead), Mr. Mihir Mehta (Senior Software Engineer), Mr. Jwalin Shah (Software Professional), Mr. Ramesh Yadav (HR Executive).

The winner team members are Ashish Vaghasiya and Dipesh Tanna from Atmiya Institute of Technology & Science, Rajkot. The Runner-up team members are Biren Gajjar and Rushit Kapadiya from B. H. Gardi College of Engineering & Technology, Rajkot.

The winner team was awarded with Rs. 20,000/- and the Runner-up team was awarded with Rs. 10,000/-.

niStantrIjAlaka (Wireless Networking):

Wireless communication is the transfer of information between two or more points that are not connected by an electrical conductor. A wireless LAN(WLAN) provides network connectivity between devices, also known as stations, by using radio as the communication medium. Devices that communicate over the WLAN conform to the interfaces and procedures defined through the IEEE 802.11 standards.

Total 39 students were participated. The prize for the winner was 3000 and for runner up 1500.

The Faculty Coordinator for this event was Prof. Rekha Teraiya & Prof. Urvi Sharma.

Web niriKshNa (Web Searching)



The CSE-IT-MCA Departments, had also organized a Web niriKshana (Web Searching) event under Immaculate-13.

This event was coordinated by Asst. Prof. Ajay A. Ardeshana(MCA Dept), Asst. Prof. Monica Changela (CSE Dept), Asst. Prof. Vishal Kothari (IT Dept).

The ultimate goal of this event was to generate curiosity among the participants and to find out the content/information on any topic from the World Wide Web, prepare them well and then present to judge.

IMMACULATE-13 provided an opportunity to the students to improve their searching technique. For improving the speed of searching GOOGLE providing some of the key words as well as some symbols, by using it one can search information from WWW easily and much faster. This event was especially for the people who always like to search about the new things emerging. The event was open for all students of various disciplines like BCA, Bsc (IT), Msc (IT), Diploma & Degree Engineering and MCA. Total 395 students had participated

in this event. At the start of the event Elimination was conducted, in which 30 MCQs were asked. After this test 40 students were eligible for taking part in the final round. In final round all students selected under first round had to use their knowledge and tricks of Google Searching to optimize their searching process for finding information about "Security Enhancement Techniques".

The candidates were required to prepare a presentation on the collected materials from Google, so at the end Mr. Gautam Vagh, the judge of the event, had observed the presentation of the participants, gave scores to each of the teams and out of these teams Winners & Runners-up were awarded with prizes and Certificates.

The winners of this event were Sagar Dabhi and Viral Chandarana from MCA, B. H. Gardi College of Engg. & Tech, Rajkot. This team was awarded with Rs. 3,000/-. The Runners-up is Shubham Jain from Atmiya Institute of Technology and Science, Rajkot. He was awarded cash prize of Rs. 1,500/-.

PraznamaJca (Quiz Competition in C/C++):

The Quiz Competition (C/C++) provided a wide platform to students to achieve academic excellence and increase their awareness about the C and C++ programming languages. The Competition was conducted in total three rounds.

A total of 480 students various colleges from entire Gujarat participated at the event. They include 5 students from A. D. Patel Institute Of Technology, Karamsad, 2 students from AarshMahavidyalaya, Tramba, Rajkot, 5 students from Arpit Institute Of Engineering & Technology (diploma), Hadala, 4 students from arts, commerce & computer science college, Junagadh, 35 students from Atmiya Institute Of Technology & Science, Rajkot, and 194 students from B. H. Gardi College Of Engineering & Technology.

The winner was awarded cash prize Rs. 1000 and Rs. 500 was awarded two the runner up.

Faculty Coordinator was Prof. Avani Patel & Prof. Harvi Thumar

Winner of Immaculate 13 In CSE/IT department

The Immaculate'13 (A national Level Technical Symposium) has been organized by Gardi College on 17, 18 February 2013. In Immaculate'13 different events have been handled by CSE/IT department. Number of Students took their initial interest and got prizes in different events of Immaculate'13 and students got prizes in cash 21500/- from various events. List of the winners are given below:

No.	Name of Student	Semester/Branch	Event Name	Prize	Total Amount
1	Biren Gajjar	6th/CSE	Hackathon [24 hours coding]	Runner ups	10000
2	Rushit Kapadiya				
3	Arzoo Khanderiya	6th/CSE	Project Competition [Software Base]	Runner ups	5000
4	Rushit Kapadiya				
5	Rushi Kesheria				
6	Nirav Radia	8th/CSE	Project Competition [Software + Hardware]	Runner ups	5000
7	Ketan Hirpara	6th/CSE	Wireless Networking	Runner ups	1500

Conti... from page 1 Expecting...

Many students like Dahval Mangroliya of Bharad Engineering student believed that "if elections were done before time, it was not good for people. The UPA government has taken some brave step for FDI and some other matter. But then too some people have decided to criticize the UPA government"

A total of 40 students were taken as a sample for the survey. Though most of the

students surveyed were not happy with the present government, it also raised a question that parties other than the ruling government may have good points, may have good agenda, may have better leaders but still there is no guarantee of a perfect ruling.

"I think Rahul is only person from the ruling government who can create some hopes. But the problem is he does not come forward as he is expected to come. I want election right now because the new party

will at least give some relief, said Shweta Dodiya, student from Gardi Vidhyapith.

However, in reality what will happen, time will only tell whether there will be timely general elections or mid-term election, but atleast one thing is clear from this poll that the youth of today wants change. A change, for the betterment. Any government who will hear the youth voice is sure to benefit.

-Pratik Pandya
Department of Journalism & Mass Communication

CAMPUS DRIVE

The Civil Engineering Department recently organized a debut event 'EcoHome' in Immaculate 2013. The event got tremendous response with a record registration of around 60 participants from various colleges including Pandit Deendayal Petroleum University, Gandhinagar, R.K. College of Engg. & Tech., B.H. Gardi College of Engg. & Tech., Arpit Institute, Marwadi Education Group of Foundation, GEC Rajkot, Amrut Institute. Junagadh, V.V.P., Rajkot, Kalol Inst. of Tech., A.D. Patel Inst. of Tech., Karamsad and other colleges.

In the event 'EcoHome' participants represented their ideas of an eco friendly house in the form of a power point presentation with or without a physical model showing their ideas by integrating the best ancient practices with modern technology.

'Eco Home' Event Under Immaculte'13

Winners of the event:

Winner Team :

Mihir Rambhia, Kashish Gandhi, Kartik Kapoor

(Pandit Dindayal Petroleum University, Gandhinagar)

Runners up Team :

Rohit Solanki

(B.H.Gardi College of Engg. & Tech., Rajkot)

Out of total participants 44 Participants were invited for the final presentation in the event. The event was conducted in affiliation with Shri. Rajnishbhai Vadagama, the Owner of Rajnish Infrastructure Pvt. Ltd. Rajkot.

Prof. Tarak Vora from Marwadi Group of



Institution had been invited as our esteem judge of the event.

Student coordinator's and their team worked hard to make event a memorable one. Students' coordinators included Vikash Raval, Abhishek Ponkia and Jay Modhvadiya. The HOD, Prof. Vimal Patel and staff member's Prof. Umangi Desai and Prof. Krunali Vora played a vital role for grant success of event.

Tantrash Kaushalya 'C' -A Coding Proficiency in 'C' Competition Under Immaculte'13

Why Coding Proficiency In 'C' Competition?

'C' is often used for 'system programming' including implementing operating systems and embedded system applications. Due to a combination of desirable characteristics such as code portability and efficiency, ability to access specific hardware addresses and low run-time demand on system resources, a thorough knowledge of C is a prime requirement for the engineers to step in and also to grow up in electronics, communication, software, embedded and networking related industries.

As per the last 5 years of market search and guidance from industry professionals related to Electronics and Software industries, the EC department found that there are many jobs for engineers

proficient with 'C' in embedded, networking and software industries. Industries are recruiting students who are proficient in 'C' and have developed some applications based on C during their study. The ultimate goal of the event is to encourage students of various disciplines to develop application/Projects based on C and C++.

Brief Information about the Event during IMMACULATE'13

- The event had total 51 participants from various Engineering Colleges all over Gujarat. The event was classified in two parts.

1. Project/Application presentation (The selected participants are only eligible for 2nd round)
2. C/C++ based challenge (Challenge

will be declared to the selected participants after completion of 1st round)

Mr. Ankit Patel, Managing director, Emsys Automation & Control, Ahmedabad was invited as the judge. Mr. Ankit has a total of 6 year of working experience with Embedded and Networking Field using 'C' language. Kishan Pala and Sagar Chauhan (students of 4th EC, BHGCET) took the runner-up position. These two students made a "C based GTU admission information and admission guiding software. Two students of MCA, BHGCET, Kathiriya Hardik and Kataria Rajesh performed above all the groups and shown their best proficiency in 'C'. Both of these groups were awarded by cash prize of Rs. 5000/- & 2500/- respectively for their enormous talent in circuit.

Symbol-Quiz (PARIPRCCHATI) Under Immaculte'13

To create the awareness among the students about different logo of different companies, safety and S.I. units and event Symbol-Quiz was recently organized.

Divided in two rounds with 184 participants, the participants in the final

round had to identify symbol presented using projector.

Sandeep Singh and Bhaumik Fefar won the first prize while Ankit Dobariya and Paresh Mor secured the second position. Both the teams were from B. H. Gardi College of Engg. And Tech., Rajkot.



CAMPUS DRIVE

CIRCUITS ARE THE PORTRAYAL ART OF EC ENGINEERS !!

Like the rain of reincarnation for the EC community, Immaculate'13, EC department had organized a event namely CIRCUIT DEBUGGING. This is one of the events who had changed the entire complexion of the immaculate 13. Circuit Debugging competition is a nudge or we can say a wake up call for EC students. This event was organized by the compliance of Prof. C. D. Parmar. In the list of most mind entangling events this event is on the top list. And EC department has been mascot in organizing such programs.

SPEAK TO THE CIRCUIT AND IT WILL TEACH YOU...

This competition is a skill enhancing extravaganza for EC students which would help EC students in their future endeavors in EC arena. Because EC branch has circuits as its fundamental stones. So this event is an intimate attempt of boosting student's moral. Any big system is made up of the interconnection of various circuits. If any of these circuits become out of function then it's the role of an EC engineer to re-put this circuit on the path. So circuit

Circuit Debugging Competition Under Immaculte'13

debugging is an attempt to improve the skill of EC students.

Let's meet the brief introduction of the Competition...

Circuit debugging competition had total 161 participants from various Engg. Colleges all over Gujarat. The event completed of two rounds. Candidates can participate either individually or in the group of two. First round was of 30 minutes in which participants were supposed to attend two circuits. In the question paper wrong circuit was given and in answer participant has to write correct circuit. This paper was of 20 Marks. Candidate need to submit the answer sheet as early as possible to the invigilator. At last the top level 20 groups were selected for the second round. In the second round another circuit having error was supplied to the students. Students firstly need to correct this circuit and then have to implement the same practically within 45 minutes. First student implementing the entire circuit correctly is worthy as a winner. Second one is runner up. Both round required very vigilant attention from each and every participant.

Finally Jignesh Mehta from Om Shanti Engineering College was victorious and



Moradiya Parth from Christ Polytechnic was runner up. Both of these eminent were awarded by cash prize of Rs. 5000/- & 3000/- respectively for their enormous talent in circuit.

Mr. Jaydeep Raiyani & Mr. Kartik Bhuchara were entrepreneurs and played a vital role to successfully execute this entire event. Mr. Krutarth Somaiya assisted the requirement of all the electronic components efficiently. Along with them student coordinators namely Savan, Ashish, Monali and Surbhi were also equally kindered in entire execution. Entire event was unanimously great and participants had attempted entire event with immense enthusiasm and sedality. So most profound thanks to Gardi Vidyapith for Immaculate.

Swayamprerit Yantraman - An Automatic Robotics Competition Under Immaculte'13

To improve the skill of the students in automation and robotics field, an automatic robotic competition was hosted by EC department of Gardi Vidyapith. It was a fabulous and most appreciated event of the Immaculate'13. It was first time in Gujarat that any college has conducted this type of stupendous event in technical festival. Prizes for over Rs.50,000/- were distributed at the event.

The inauguration of the event was done by the honorable Dr. G.P. Vadodariya, Controller of Examination, GTU and Mr. Vinod Patel, R&D Head at MTECH Electronics, Gandhinagar. The event was judged by Mr. Manish Patel, Director of zeal automation, Ahmedabad, Mr. Jayesh Patel, Director of tangent tech-infosoft Pvt. Ltd., Ahmedabad, Mr. Chetan Dadhaniya, Project Manager at ABtronics, Vadodara and Mr. Ankit Patel, Chief Technical Officer at Emsys Control System, Ahmedabad.

The main aim of the event was to

encourage student to build an automatic robot which do the task automatically without any remote control. The robot can navigate in field using line sensor and distance sensor as its vision and perform the task of collecting tokens. The animated theme and rule book was declared before one month of event. Participants had to prepare two robots according to dimension mention in the rule book which can perform the task as per the theme given.

Total 18 teams with 80 Participants from different engineering colleges all over Gujarat participated in the event. The first round of this event was elimination round. From the beginning of this event drew huge crowd with unbelievable excitement to cheer up the participants. With tough competition, 8 teams were selected out of 18 teams for the quarter final round for second day of the event.

Same excitement was found from the crowd on the second day of the event.



Event began at with quarter final round. After this round 4 teams were selected for the semi final round. In this round two teams were eliminated and rest of the two teams were selected for final round. After a tough competition, finally the team of 6th EC from Gardi College of Engg & Tech, Rajkot won the competition.

To appreciate the student's talent and effort, three consolation awards under the category of fastest robot, best innovative idea and jury award along-with cash prize of Rs. 3000/- each were also distributed to the endowed participants.

CAMPUS DRIVE

The EC DEPT of B. H. Gardi College of Engineering and Technology, Rajkot recently organized a project competition for the degree and diploma students of engineering under Immaculate'13.

The main objective of this project competition was to promote innovative ventures undertaken by students in the field of engineering. It aimed to provide them with a platform to showcase their ideas to a larger part of the society including industry professionals. The event helped them interact with other innovative minds and learn new things and also enhance their confidence with respect to project development and communication skills.

There were separate competitions for degree and diploma students to give them opportunity without any bias, and develop solutions for real-time problems and scenarios and improvement of Presentation skill. This Competition provided good platform to diploma students to represents their projects in front of industry person. So in future they can develop project in such a way that they can compete with toughest

Project Competition For Degree And Diploma Students of Engineering Under Immaculate'13

environment of industry. This competition also helped them to fight against stage fear as an individual.

The department got tremendous response from all over India by registration of 50 participants in diploma and 100 participants in degree competition.

In degree project theme were based on topics like IR based switchboard, Home Automation based on Bluetooth, multi controlled wheelchair, GSM based automatic energy meter reading, Automatic collision avoiding system and many more, while in diploma topics were RFID based petrocard , Automatic controlling of Prison, Scrolling of different 16 messages, Salt tester etc..

These all projects were judged by Mr. Vinod Patel (Head of R & D department) from AMTECH, Gandhinagar, and Mr. Chirag Soni (Head of Industrial Automation) from Optimize Solution, Ahmedabad for degree projects, and Mr. Mehul Patel (Director) from Zeal Automation, Ahmedabad for Diploma projects.

The winner team participants in degree project are Mr. Jaydevsinh Jadeja,



Mr.Chapiya Chintan, Mr.Kapadiya Chintan students of 2nd semester ME(EC) from B. H. Gardi College of Engineering and Technology, Rajkot. They developed Switchboard using TV remote control. In diploma project winner team participants are Mr. Vrjeshkumar S. Parikh, Mr. Tushal C. Lunagariya and Mr. Darshan J.Patel students of 8th semester Diploma engineering from Nirma University, Ahmedabad. They developed project based on Petrocard using RFID Technology.

The Entire event for EC department was coordinated by Prof. Paras V. Mehta, Prof Gaurav R. Joshi and Prof. Shivrajsinh M. Zala. The event was assisted by Student Co-ordinatorS Sweta, Mohammed Rizwan, Vishva, Kamlesh (6EC), & Yogesh, Nikhil, Dhaval(4EC).

Energy Conservation (Urja Samrakshan) Event Under Immaculte'13

To create and spread the awareness among the electrical engineers about different energy conservation techniques based on energy audit, energy management & energy efficient technologies, an event on Energy Conservation was recently organized.

A total of 11 participants in team of two had to present one efficient method of energy conservation technique using PPTs or any hardware setup. The

processes and topics under focus were from dairy product industry, paper mill, energy conservation of electrical & mechanical building of Gardi Vidyapith, power plant, illumination & wind energy.

Participants were evaluated for best technique, implement ability, savings etc

This event was judged by Mr. Rahul Acharya, Owner & Energy Auditor, R. K. Consultants & Engineers, Rajkot.

Sandeep Singh and Gopal Gadhavi won the first prize while Samarthsinh Solanki



won the second prize. All the three winner belonged to the B. H. Gardi College of Engg. & Tech., Rajkot.

Wishes

We wish all the best to Gardi Times, as it is serving different flavors and the way it is presenting is very effective. Good example and inspiration for others.

- Maulesh Ukani, Managing Director of Ban Labs Ltd, Rajkot

Very rich and strong content. Articles and departmental activities, all together in in-house magazine is excellent. Keep going Gardi Times.

-Kiran Shah, Glorious Land Developers, Rajkot

Quote of the Month

"If you are working on something exciting that you really care about, you don't have to be pushed. The vision pulls you."

~ Steve Jobs

CAMPUS DRIVE

To help students demonstrate theories and solutions of the problems in industries and in general an event named PRAKALPA was organized.

With a total participation of 69, participants in a team of minimum two and maximum four members had to present and demonstrate their project based on either hardware or software simulation.

As a token of appreciation, the best project was awarded the first prize of Rs.

Project (PRAKALPA) Under Immaculte'13

10,000. Projects were like Bottle ruffling plant, sky train, GSM based home application, temperature monitoring system & variable speed drives using micro-controller.

The event was judged by Mr. Barasara, Dy Engineer, GETCO, Rajkot and Mr. Gajjar, Adani Infra Ltd., Ahmedabad.

Hardik madaliya ,Manthan Amrutiya , Ankit Goti ,Chirag Hirani from Atmiya Institute Of Technology & Science, Rajkot won the first prize and Avinash Marakana, Vala Sahdevsinh, Vikas



Nandniya from B. H. Gardi College of Engg. & Tech., Rajkot secured the second position. Consolation prize was awarded to Kuldeepsinh Solanki and Patel Jatin from Government Polytechnic, Rajkot.

Competition on PLC simulation (SAMMILATI) Under Immaculte'13

To get acquainted with the novel trends in different field of electrical engineering and create a bridge between academics and Industrial requirements, the EC department had recently organized an event named SAMMILATI.

The event attracted 61 participants. Divided in two rounds, the competition was judged by Mr. Nirav Makadiya, iSEC, Rajkot.

In the final round, participants were given industrial problem, which had to be solved by writing PLC program in Codesys software in one and half hour time duration. Programs were checked based on logic, programming standards, execution, no of errors etc.

Pritesh Dhruve and Vijay Issarani, Atmiya Institute Of Technology & Science, Rajkot bagged the first prize while Hardik Kalavadia and Sojitra Sagar of B. H. Gardi



College of Engg. & Tech. Rajkot bagged the second prize.

PARISANKALPNA Under Immaculte'13

Immaculate '13 held at B. H. Gardi college of engineering and technology. Parisankalpna a design event held at mechanical engineering department.

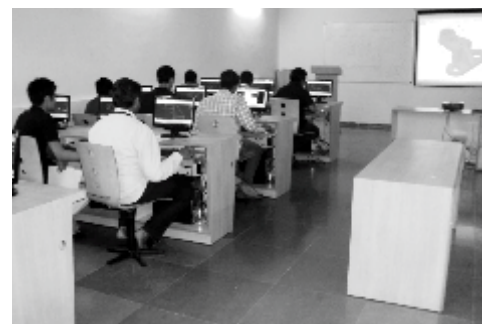
In this event more than 100 students participated from various colleges. About 50 students were participated.

The aim of this event is to test skill of the candidates in the field of Design and Technology. To capture innovative ideas

from young inventors for the benefit of industry and society.

The AutoCAD software is now used in a range of industries, employed by architects, project managers and engineers, amongst other professions.

At the end of event Aakash Samani declared the winner from Govt. Polytechnic college and Pratik Kotadia from Gardi Vidyapith (BHG CET) took



second rank.

PRAKALPA Under Immaculte'13

"Prakalpa" the Project Competition at Mechanical Department.

More than 80 students were participated. There were two tracks. Track 1 was for Degree and 2nd Track was for Diploma Engineering.

Various project were presented by students, In which Quad copter project which is a flying machine can be used in military for inspection, photography, aerial surveillance etc. Solar cooker, solar train

was projects on non-conventional energy sources.

E-sprayer and stair overcoming wheelchair were useful concept in real life.

At the end of the event first prize won by Raghvendra Panchal from Charotar University of Science and Technology (CHARUSAT), Gujarat and 2nd rank was Ankit Ramolia and Kinar Patel from Gardi Vidyapith (BHG CET). Consolation prizes were given to Bhalodiya Ravin, Dabhi



Ramesh, Domadiya Nikul and Shakoriya Raju from N.M. gopani polytechnic - Ranpur.

CAMPUS DRIVE

Yantram Paripracchati, a mega technical quiz was one of the major events of Immaculate13. It was aimed to test and widen the technical knowledge and focused to build team spirit and competitive skill among students helping them to enhance and realize their potentialities.

Around of 67 students divided into two members group participated in this event. The event was held for two days.

Technical quiz (Yantram Pariprachhati)

Under Immaculte'13

The first day was the elimination round to select best 10 groups for the grand final. In this round, all the participant groups were given 45 set of multiple questions in stipulated time of 1hr.

The grand final was played between the top 10 group. It was divided into three. The entire questions were set from the Mechanical Domain only. The winner group was awarded with Rs. 1000/- and the runner group was awarded with a



sum of Rs. 500/-

Seminar on 'Key Attributes to Succeed in the Corporate World' Under Immaculte'13

The jet age speed of this modern world has new things to offer every day. Every day is a new start. Lots of researches and studies are carried out on various subjects around the world. These updates on various fields cannot be included in the student curriculum. The students have to always keep their eyes on what new things are arriving day by day.

This is where seminars are of great importance. Seminars are capable of keeping the students updated with the technologies. Seminars provide latest

information about the things which are happening in science and technology. Students cannot improve their knowledge from textbooks alone. They must be take part in various seminars on latest topics.

On 18th of March Gardi Engineering College organized a seminar on "Key Attributes to Succeed in the Corporate World". Mr. Himanshu Shaparia, Vice Precedent (Sales) Jyoti CNC Automation Pvt Ltd was invited as the expert for the seminar.

There were 90 students from different engineering colleges who participated in



this Seminar. They learnt various aspects on how to get success in the Business. They also understood the importance of defined goal, focus of business and vision.

Workshop ZILPASTHANA organized Under Immaculte'13

Among the various events successfully organized at Immaculate'13-a national level technical symposium, the department of Mechanical Engineering organized a Workshop event category, known as ZILPASTHANA.

The topics of 'Industrial Automation' was conducted by Mr. Nirav Makadiya from iSEC attracted 24 participants and

'Root Cause Analysis and seven QC tools' conducted by Mr. Jayesh Vadodariya from Kirloskar Oil Engines Ltd. benefitted 32 participants.

Both the workshop included two hours of theory and practical session respectively. The workshop enhanced the knowledge in students regarding practical implementation of routine engineering theoretical aspects.



Campus Placement Drive Result Of Nirma Industries

LIST OF SHORT LISTED CANDIDATES FROM ELECTRICAL ENGG.

Kundalia Vatsal Kiritbhai
Kalavadia Hardik Rameshbhai
Joshi Kunal Jayesh
Saxena Mehul A
Pathak Jagdish Yaduvansh
Mankad Archan Sudhirbhai
Rupapara Tarang Maganbhai

Panchal Dixit Maheshkumar
Ashutosh Rai
Thaker Harshit Arunkumar
Umesh Amrutiya
Sumeet Dobariya

LIST OF SHORT LISTED CANDIDATES FROM MECHANICAL ENGG.

Baldha Jayesh Maganbhai
Beladiya Prakash Lavjibhai

Dodiya Yagnik Chandrasinh
Gangani Gautam Rameshbhai
Bal Prakash Narayanbhai
Rafaliya Manish Jagdishbhai
Savsani Nikunj Narbherambhai
Trivedi Nishant Rajeshkumar
Raval Manan Bhaveshbhai
Bhuva Jayesh Arjanbhai
Vyas Harsh

PLACEMENT CORNER

To ensure the best placements to students, the B.H. Gardi College of Engineering and Technology undertakes intense counselling for students. It starts from indentifying the interest areas, CV preparation, Pre-Placement preparation and imparting skill set through professionals. Students take part in the On Campus and Off Campus organized by inviting various companies for the placement of the students.

As a College Placement activity a campus drive of Nirma Chemicals, Bhavnagar was recently organized for the final year Mechanical & Electrical Engineering Students. Six delegates came from the company for the interviews. They delegates who came from Nirma included

Campus Drive by Nirma Chemicals, Bhavnagar

Mr. Ramesh Pansara (Manager - Elect. Dept), Mr.Ramesh. Srivastava (Manager - Mech. Dept), Mr.Dipak Fondekar (Manager - Mech. Dept), Mr.Mohnish Desai, Mr.Mayur Mehta and Mr. Darshak Patel from the HR Department.

The Company manufactures Soda ash and detergents.

From both the branches, around 70 students were short listed for the written test. From mechanical Department of the 35 students, 25 students cleared the written test and from the electrical Department 26 students out of 35 eligible students cleared the written test. Total 51 students were selected for the personal interview round. Subsequent interviews were conducted in 3 separate panels i.e. 2



for Mechanical students & 1 for Electrical students.

It is a matter of pride that a total of 23 students (Mechanical - 11, Electrical - 12) from our the two departments were selected for the further round at Head office -Nirma, Ahmedabad.

We hope for maximum selection of our students in the final round.

TALENT CORNER

ROBOCON'13 is a world level robotics competition which has been running from many years. In this competition one theme is declared by the organizers on its site and this theme contains some task of robots which might be automatic and/or manual robots task. This time the main hub was Vietnam but the national level competition was held at Pune.

Robocon competition is not the simple robotic competition, it contains difficult task of robot and to complete the task is the harder part of the event but the hardest part is to complete all the task within the time duration given in the ROBOCON competition (within 3 minute).

From last two years, the B. H. Gardi College of Engineering & Technology (BHG CET), Gardi Vidyapith, Rajkot has been participating in this International level competition.

This time the ROBOCON theme is "THE GREEN PLANET". The theme is being chosen by Vietnam with the message: "Each nation is a piece of the puzzle that forms the world; the responsibly to protect the earth thus lies on the shoulder of each person living on it. Awareness and actions - that is what we need to sustain life in our common home THE EARTH."

ROBOCON 2013

In Robocon'12 the department scored the 23rd rank, from 67 participated teams. In Robocon'13th the deparment won both the primary round against are opposition.

Every talent requires good platform. This is what the college and management provided to the students. A separate robotic lab is provided for student where they can work 24 hours. The whole event was sponsored by the college. The entire work was carried out under the guidance Prof. C.D.Parmar, H.O.D of E.C. Dept and faculties including Mr. Bhavin Bagthariya, Mr. Priyank Kansagara and Mr. Paras Raval.

The students who participated in the Robocon'13 were from E.C., E.E., and mechanical engg department. There were 13 students: Seven from EC, five from mechanical and one from the electrical department. Names are listed below:

1. Harsh Vora (E.C.) (8th SEM.)
2. Ravi Ramani (E.C.) (8th SEM.)
3. Jigesh Patel (Mech.) (8th SEM.)
4. Raj Tilva (Mech.) (6th SEM.)
5. Rajesh Gambhva (Mech.) (6th SEM.)
6. RutulLunagariya (E.C.) (6th SEM.)
7. ChiragSavaliya (E.C.) (6th SEM.)
8. Milan Domadiya (E.C.) (6thSEM.)



9. AmitTala (E.C.) (6th SEM.)
10. KamleshKathvani (E.C.) (6th SEM.)
11. GanpatVaishnav (E.E.) (8th SEM.)
12. Shailendra Sharma (Mech.) (6th SEM.)
13. GaurangVirani (Mech.) (6th SEM.)

The ROBOCON competition is useful not just to enhance the knowledge of all the students who took participation but it is also useful to understand the new up growing technologies in the robotic field in both sides like in Electronics side and in Mechanical side too. Robocon competition enhance the technicality of each and every students and with that it also give the exposure to work with different parts of Electronics and Mechanical side. The idea behind to do this competition is to make student self-initiative by thinking the logics for making robot and apply the same to make the robot.

EDUCATION PLUS

A Shivr On Jeevan Vidya Parichay Leaves A Mark On The Students

This subject focuses on What a human being is, What is purposeful and meaningful for him, What is the aim of human being and his life and How he can meet this aim, this purpose. This elaborates on what role he has to play as responsible human being at the level of individual, family, society and nature.

With this thought, Gardi Vidyapith organized a shivr on 'Jeevan Vidhya Parichay' recently.

There are no charges for the shivr. The teacher who comes to conduct the shivr also came with their own expense. This itself was a strong base for conducting value education workshop. Students from various engineering disciplines participated in the shivr. Over 120 students attended the Shivr.

Ashok Gopalaji from Deharadun conducted the Shivr. He is an IIT from Delhi who studied Mechanical Engineering.

What is the definition of human? He asked the student to define and find the purpose of it. It was concluded that because we do not understand what the human is, we are not clear about the purpose of human on earth.

It is proposed that the understanding involves following.

Understanding existence is co-existence, Understanding the conscious aspect of human, Understanding human purpose and definite human conduct. This is knowledge. The problems in environment, in economics, in relationships can be solved with above understanding and that is knowledge. It is proposed that there is orderliness in existence and once human gets this knowledge and orderliness, It is possible to have harmony in individual, in family, in society and harmony with nature.

Whenever we try to understand existence, co-existence is understood.

Students Feed Back :

1. **Somaiya Mohit (5th EC) :** I attended the 5 days shivr. I found immense pleasure and some how clear vision of life. But it is not sufficient actually from me, I want to attain this shivr again and again

so that I can clear my vision of life. So I am humbly requesting that please arrange the same in vacation. I am thankful to Rakesh Oza sir for arranging this shibir.

2. **Hardik Raipuria (2nd Mechanical) :** Yes, being honest I liked this shivr a lot. This was something different and interacting. It was totally non technical also apart from our regular studies. I learned a lot and will hope more and more shivirs to organized at our Institute. We can say that it was based on once personal development. I will request Management to organize such type of "Jivan Vidya shivirs at our institute as it is very much beneficial to every body. We are grateful to Rakesh Oza sir for organizing such shivr.

3. **Pradeep Singh (2nd Mechanical) :** I have attended the workshop for all five days. In this workshop I have learned many things related to life. After doing shivr my way of thinking are changed. I have learnt many things which we dont even think in our daily life. The use of things/resources in a proper way is thought in it. I have cleared my many confusions which arises in my mind frequently. I would like to attend this type or workshop in future. We are thankful to Prof. Rakesh Oza for organizing this workshop at our institute.

4. **Raviraj Zala (6th CE) :** Jivan Vidya Shivr is very good to understand about life and it explain us about how to use sources of life. This shivr can change thinking of life and behavior of human. In this Shivr I am realize the many thought of my life and the relations with other people. This is first level Shivr in our Vidyapith but we learn very much from the Shivr and Ashok sir. This Shivr is changing the was of life and attitude. I am thankful to Rakesh Oza sir and Ashok Gopala sir who held



this Shivr at our Vidyapith. I am also thankful to our management and faculty for this Shivr and encourage them to held also second level of Shivr.

5. **Savalia Priyanka (4th EC) :** I have attended this 5 days Shivr. I learned that what I am and I do to live our life. What we are doing at present and how to correct it. Actually what we have learnt in Shivr is taken as one workshop but actually it is taken in our syllabus also. It should taught as subject in syllabus so we learn it properly. I have learned may things from the Shivr.

This Shivr was different then other Shivr in following aspects,

- (i) In this Shivr no Updesh is given only Sandesh is given.
- (ii) It thinks only on realistic things which can possible in our life.
- (iii) According to this Shivr Sandesh first of all we have to understand our life in correct way so we become happy and then we have to act.

We are extremely thankful to Ashok Gopalaji who have has taken all the pain to come from Delhi and conducted this Shivr for 05 days at our Vidyapith. He has explained various aspects of life by asking so many questions for which none of us have even thought seriously. He has explored real meaning of our life by explaining about what is human life actually.



TEAM PRIDE

"THE FUTURE BELONGS TO THOSE WHO BELIEVES IN THE BEAUTY OF THEIR DREAMS"

In 21st century where everything is changing Globally and rapidly in the field of Business, Sports, Technology etc... how can education system remain untouched? 20th century was the century for knowledge while the 21st century is the century of skills.

In this changing time, in the field of education, every teacher encourages students to develop their skills rather than just focusing on academics. Different competitive exams are being set for the same and approach towards them is changing day by day. One of the global competitions all over the world was arranged by NAO (NASA Astronomy Olympiad). From India approximately 500 schools and nearly 1,00,000 students participated and among them only 30 students were declared as winners.

Genius Group of Institutions has always believed in the all-round development of their students and transforms them as a global citizen. Over 350 students participated in the NAO exam from Genius Group of Institutions, out of which 20 students were selected for national level (level-II) exam.

Genius Group of Institutions takes pride in

Shining Star Of Genius...

announcing that out of 1 lacs students, Miss Taksha Vipulbhai Rathod of std.5, studying in Genius English Medium School ranked 2nd all over India and she stood 1st in entire Gujarat and West India level. Taksha's father Mr. Vipulbhai Rathod who is a sculpture takes pride in his daughter's achievements.

This competitive exam taken by NASA is based on different subjects like Math's, Space Science and Astrophysics. It is taken at different levels and Ms. Taksha Rathod passed all the levels and stood second Nationwide.

She will be given an opportunity to visit biggest, modern and famous science research centre of the world- NASA. It is a dream of every student to visit NASA situated at USA. Ms. Taksha Rathod is being sponsored for 10 days visit to this space research centre where she will be meeting students worldwide, also she will be visiting Graviton Laboratory and participating in the experiments like Motion Under Gravity, Rocket Launching Technology and Science Games.

NASA is also sponsoring a teacher and a family member with Ms. Taksha. Nationwide 30 students are being facilitated at Delhi in a program on 20th April, 2013 in which Human and Research Development minister will be honoring the students.



Taksha has taken Genius Group of Institutions to the International Level. This journey of Taksha was continuous monitored with a rigorous training by our school teachers Dr. Nilay Panchasara, Bijal Harkhani, Bhumi Patel and Jay Rajjada. Even Taksha's elder sister Vidya and her mother Jignaben were continuously giving her guidance and monitoring her.

Mr. D.V. Mehta - Chairman, Genius Group of Institutions, Ms. Dimple Mehta - C.E.O., Genius Group of Schools and all the heads of Genius School Shrikant Tanna, Kajal Shukla, Nisha Vaishnav, Manindar Keshap and Dhara Raval continuously gave motivation and guidance to the student.

This incredible achievement of Ms. Taksha Rathod has given a sense of pride and enthusiasm with lot of joy to Genius English Medium School, Jay International School and Gardi Vidyapith students and staff members.

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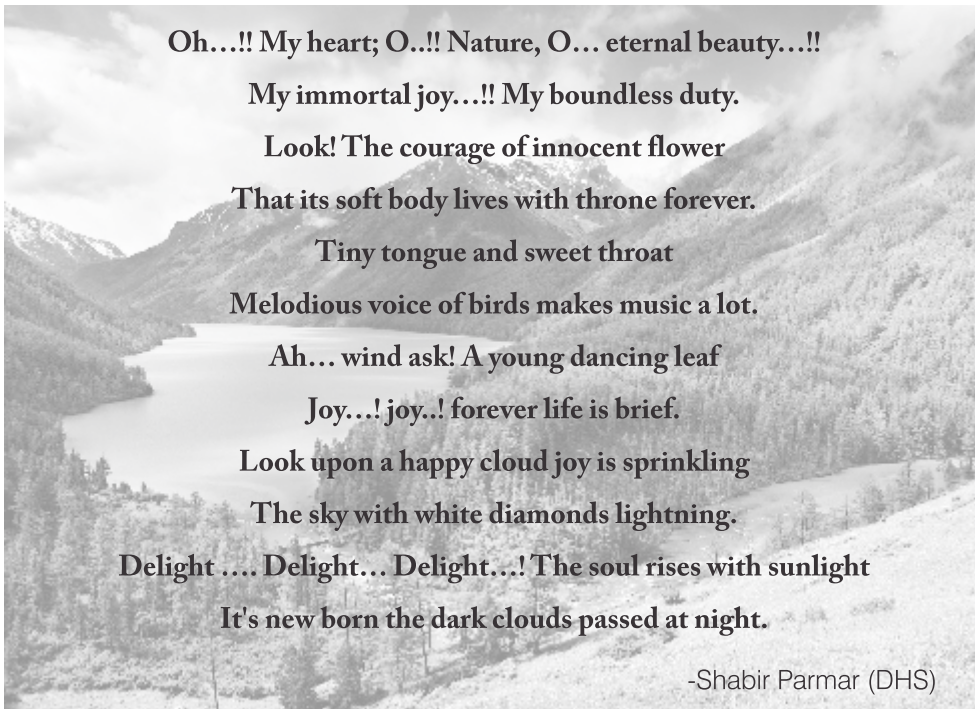
I, DIMPLE MEHTA, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Date : 10/04/2013

DIMPLE MEHTA
Signature of the Publisher

ARTY PARTY

Nature...



Oh...!! My heart; O...!! Nature, O... eternal beauty...!!
 My immortal joy...!! My boundless duty.
 Look! The courage of innocent flower
 That its soft body lives with throne forever.
 Tiny tongue and sweet throat
 Melodious voice of birds makes music a lot.
 Ah... wind ask! A young dancing leaf
 Joy...! joy...! forever life is brief.
 Look upon a happy cloud joy is sprinkling
 The sky with white diamonds lightning.
 Delight Delight... Delight...! The soul rises with sunlight
 It's new born the dark clouds passed at night.

-Shabir Parmar (DHS)

ACHIEVEMENT

Student of the Month

Gardi Vidhyapith congratulates student Heena G. Jethava. She has been awarded the prestigious LIC Golden Jubilee



Scholarship Award. She has been awarded the amount of Rs.40,000 of which Rs. 10,000 will be awarded to her every year for 4 years. We wish her all the very best in her future endeavours.

Roll no : 12CE001

Total scholarship amount : Rs. 40,000/-

DO U KNOW?

100 Years Of Indian Cinema: some fascinating facts about Bollywood actors you did not know :

- Ashok Kumar was with the Bombay Talkies for 7 years and gave them India's first blockbuster - Kismet... which ran on movie halls for three straight years.

- Raj Kapoor worked as assistant director on Dilip Saab's first film - 'Jwar Bhatta' before making his debut in 'Aag'.
- In Sholay, both Amit Bachchan and Sanjeev Kumar were more keen to play the dacoit Gabbar Singh which eventually was played by newcomer Amjad Khan.
- Actor Jeetendra started his career as a body double- that too for actress Sandhya in the film 'Navrang'?

- Before becoming an actor, Sunil Dutt was an RJ for Radio Ceylon and dreamt of interviewing his favourite actress Nargis. The interview was arranged but seeing Nargis for the first time in person, Dutt fumbled and could not utter a word in front of her and the interview was cancelled. Eventually, the two fell in love while working together in 'Mother India' and got married.

Compiled by : Film & Television Department

THINK DRIVE

Almost 69 years ago, a well known English writer George Orwell predicted that rather than human beings, dotcom (.com) will do all the thinking for us. What he predicted seems to be almost true today. Google is one of the biggest example of this prediction. Today Google holds an extremely important place in our lives.

From knowing about a distant land to an unknown culture , from a history of any greatest personality to your next door neighbor, Google has made the whole world a smaller place and more accessible to us.

1999 Lary Americans Paege and Sergy Brin invented Google. Lary from

**Do You Really Think??
Or Someone Else Does It For You ?**

childhood has been know as a curious boy. He was influence after reading auto biography of great scientist Nikola Telso. Lary met Sergy at Stanford University. After the death of his father in his first year colleague Lary first asked him to pay tribute to his father by completing his PhD.

On the other hand, Brine came up with an idea to create a search engine. There was in time when they had decided to sell the idea to Vinod Kholse an Indian American working at Infotech. But at the end they decided against it.

After that Google has never looked back. On 16 Aug 2004 it was made available to public for 45 dollars. Sergy Brin also known for his good speech quality. In

2004 ABC World news united give special achievement of "person of the week" to Larry and Sergy .

Today computer is indispensible without Google. One can find about anything and everything at a click. In reality, the world at a large has started accepting that whatever is available on net is true because people hardly have time to cross check and think of other mediums for comparing any data.

And the credit goes to the two founders and their vision to make the world a smaller place.

-Pratik Pandya
Department of Journalism & Mass Communication