Cover Story

Youth Fiesta 2013 : Showcase of Genius Scientist, Mega Mind & Master Blaster

The beginning to this year for Genius Group of Institution was marked by the 40th State Level Youth Fiesta 2013. It was a start with a blast! Months of hard work finally paid off with the event turning out to be a grand success. It was a Science and Math fair which was held on 5th ,6th and 7th January at the Race Course Ground. Along with Genius English Medium School, Gardi Vidyapith, Jay CBSE International and Jay Cambridge International School. Around 307 schools from all over the state and 10

and Training, Rajkot). The Youth Fiesta was inaugurated by the esteem Bhupinder Sinh Churashana (Education Minister), Govind Bhai Patel (MLA), Bhanu Ben Babariya (MLA), Rajendar Kumar (Collector),Praveen Sinha (Range IG), M. T. shah (GCERT), M. V. Nagani (DIET) and Dr. T. S. Joshi (DIET, Gandhinagar).

The event saw approximately 400 projects. Thousands of primary, secondary, higher secondary and PTC students participated from all around

Project displayed by the student at Youth Fiesta have been analyzed and scrutinized. Winners in each category will further display their project at the National level.

Individual booklets of every project will be soon published giving a detailed explanation of the projects.

Along with the main event M.H Gardi College of Management also organized a debate on the topic 'Social Network boon or bane'. Panelist and Experts who were present at this meet were Jay Vasavda,

Youth Fiesta 2013

NGO also participated, at the event. The event was organized in association with GCERT (Gujarat Council of Educational Research and Training, Gandhinagar) and DIET (District Institute of Education

Gujarat. It focused on five major areas of Human concern; Renewable Energy, Traffic Control, Communication, Community Health and Environment, Education and Information Technology.

Sunny Vaghela and Swami Parmatma Nandji, Bharatendu Purohit and Dr. Chinnam Reddy. Students of 11th, 12th, BBA and BCA students and invitees expressed their views on the topic. A quiz

competition and cultural evening were also arranged. Jay international school's live band rocked the audience.

Approximately 6000 students and 800 faculties worked day and night under the expert guidance of Sri. D.V. Mehta and

made the event a grand accomplishment by attracting over 4 lakh visitors during the three day event.
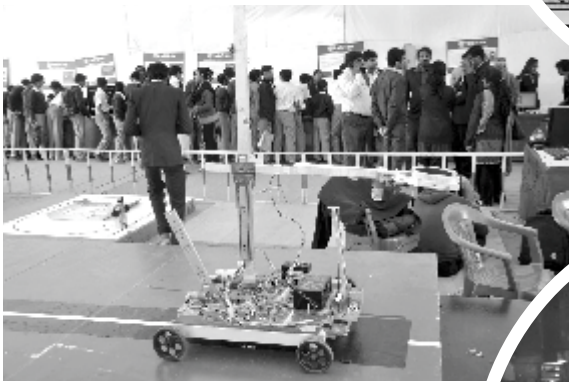

Highlights of the event :

- Master Blaster : The pre primary and primary section of Genius and Jay International school participate with projects.
- Robotics, Instant ID-Card, Crane, Blue Tooth operated Device, Traffic Control System & many Conceptual Projects : MCA and Engineering students of Gardi Vidyapith.
- Live News Studio : Students of Journalism and Mass Communication department.
- Film Making Techniques : Students of Film and Television Institute.
- Community Science Center organized sky observation with the help of telescope for visitors.
- 3D Water Screen projection : One of the most attractive project of this event. The 3D water screen projection, laser light and sound show by Film and Television department of Gardi Vidyapith.
- Scientific explanation of every superstition engraved in our culture, it was an effort to educate visitors to not follow any fallacy blindly.
- 'Social Network boon or bane' Debate, Seminar & Cultural Programs.

Prepared By : Darshan & Pritha
(Faculty, Department of Journalism & Mass Communication)

Major Attraction - Highlights of Projects

Campus Drive

Workshop on Seven Habits

"We first make our habits and then our habits make us" - John Dryden

This quote suggests the importance of habits. Keeping the significance of habits in mind; as a part of Faculty Development Programme on "Seven Habits" a workshop was held on 22nd December 2012 for Engineering Faculties by Station-e Language Lab.

The entire workshop was conducted by Mr. Divyesh Bhatt who is senior trainer of Station-e Language Lab. He is an Electronics Engineer turned Environmentalist turned Educationalist. He has been training the educators for last 11 years.

The work was divided mainly into three parts;seven habits and Multiple Intelligence and Vocabulary Building. Each session of workshop was divided into parts which were theory and practical.

The best part of the workshop was extreme group discussion on a controversial topic. In the second session with the help of questionnaire participant learned about their own personality and intelligence. The third and last session was on vocabulary building. Participants learnt new ways to improve the vocabulary which is the vital part of verbal communication.

Total 26 Engineering faculties took part in the workshop. During the workshop prof. S. B. Jadeja, principal of Engineering, Ms. Rubina Dalal,Senior Manager of Station-e Info Services Pvt. Ltd. - Rajkot, Prof. Amit Ved, HOD of Electrical Engineering and Prof. Virang Oza, HOD of Mechanical Engineering motivated the Engineering faculties by paying their visit.

Mr. Shabir Parmar (Coordinator of the workshop), Mr. Malay Gondaliya (Anchor of the workshop), Mr. Ravin Jani (Center head of Gardi Station-e Branch) as well as other staff of Station-e Language Lab made their the best efforts to make the workshop successful.

At the end Mr. Shabir Parmar (Coordinator of the workshop) delivered the vote of thanks to all participant, Mr. Divyesh Bhatt and specially management of Gardi Vidyapith for providing great support.

Workshop on Engineering Thermodynamics

Department of mechanical engineering recently organized two Week ISTE Workshop on Engineering Thermodynamics Under the National Mission on Education through ICT (MHRD, Govt. of India) during 11-21 December 2012. It was conducted by IIT Bombay.

During this workshop the expert like Prof. U. N. Gaitonde, Prof. U. V. Bhandarkar, Prof. Bhalchandra Puranik taught different topics like Introduction to thermodynamics. Historical development, Basic definitions, The First Law, Energy of a system, Zeroth law, Scales of temperature, Properties of fluids, Introduction to steam tables, The Second Law, Property relations, Applications to equations of state, First law for open systems, Derivation of the general form, Special cases, Steady-flow energy equation, Second law for open systems, Availability and exergy, Lost work. Introduction to cycles, Classifications of cycles, Implementation of cycles, Gas power cycles, Vapour power cycles, Refrigeration (reversed) cycles.

The entire workshop successfully completed by 16 faculties of Department of Mechanical Engineering. During valedictory function Prof. Sidharth Jadeja (Executive Director), Prof. Virang Oza (Head, Dept of Mech Engg), Mr. Prashantbhai Mehta (CEO, Gardi vidyapith), Mr. Kamlesh Mehta (Executive Trustee) congratulated to all participant's for attending the workshop successfully.

Workshop On "8051 Microcontroller & Interfacing Using Embedded C"

The department of Electronics & Communication recently organized one week hand-on workshop on 8051 Microcontroller & Interfacing using Embedded C. Today's industries based on Embedded Systems and Automation are mainly using features supported by enhanced microcontrollers like 8051, AVR etc. To be compatible with current industry trend students must have keen knowledge of enhanced microcontrollers like 8051, AVR, PIC and ARM. The reason behind conducting this kind of workshop is to make the students be skilled with all the enhanced microcontrollers as well as to have a sound knowledge of 'Embedded C' to work with these microcontrollers, EC department has organized 1 week hands on workshop on "8051 Microcontroller &its Interfacing using C" for students of 5th Semester, EC department.

The workshop includes the interfacing of various hardware devices like LED, LCD, Matrix Keypad, 7-Segment display Memory devices, DC motors, Steeper motors, Servo motors, ADCs & DACs etc. After attending this workshop students are able to make projects in various field of microcontroller and embedded systems.

Total of 28 students participated in the workshop.

Campus Drive

Attacks on internet are very common. For precaution and protection of cyber attacks, security mechanisms and services are required. An expert talk on Network Security was organized for the students of 5th semester of MCA Department recently. Dr. Darshan Choksi, Prof. And Director of Computer Science Department, Sardar Patel University, VV Nagar was the expert at the session.

The expert, Dr. Darshan B. Choksi, is well-known in the field of Networking in

Expert Talk on Network Security

Gujarat. He has received the Young Scientist Award (National) from Indian Science Congress in the year 1992. He also received Hari Ohm Ashram prize for best research paper. He was also honored with Best Teacher Award in the year 2000. He has published many papers in well-known international journals.

At the start of the session, Dr. Darshan B. Choksi introduced the students with the Security Mechanisms and Services required to learn. Choksi explained the

concepts with real life examples in terms of relationships to Operating System and System Software. At the end Dr. Darshan Choksi illustrated that how the Virus can affect a normal Computer System.

Conoscenza - 2012

B. H. Gardi college of Engg. & Technology, MCA Dapartment has recently organized a one day technical event 'CONOSCENZA-2012' on 29th of September, 2012. The symposium included the events like Paper Presentation, C Programming Competition, Group Discussion

Competition, Web Searching and Project Competition.

The idea behind the event was to bring the students on common platform to interact and share their innovative ideas, knowledge, skills and highlight the extra talent of them.

341 students registered and participated in 'CONOSCENZA-2012'. The event started with the prayer of 'MAA SARSVATI' and 'LORD GANESHA'. Shri D.V. Mehta (chairman of Gardi Vidyapith) the chief guest of the inauguration ceremony shared his thoughts about knowledge-the meaning of 'conoscenza' with students.

Scholarships were also distributed to the students who have performed well in academics.

The students showed their skills in various competitions. At the end certificates were given to each of the Winners/Runner Ups/Participants.

10-hour Workshop on Interview Skills

Getting degree is important but getting job is the most important. According to a report published in a new paper, only 21% candidates are competent to get a job after graduation or post graduation. Keeping this situation in mind, students have to be master their subjects as well as other soft skills. Interview skills are one of them.

To enhance the Interview Skills of Engineering Students, a 10-hour Workshop on Interview Skills was held by Station-e Language Lab from 7th to 12th December at Station-e Language Lab for the Engineering students of 5th Semester.

During the Workshop students got training on different aspects of Job Interview. Under the workshop they also

learned and enjoyed the special session on Non-verbal communication and Body Language which are the most essential aspects of Job Interview as well as Personality Development. In the second half of the workshop candidates enjoyed giving and taking mock rounds of Interviews. All the sessions of workshop were taken by Mr. Malay Gondaliya, one of the senior faculties of Station-e Language Lab. Prof. Akash Davda, one of the senior professors of B.H. Gardi College of Engineering and Technology was instrumental in making the workshop a successful one.

Certificate will be issued to the candidates who attended the workshop. 8 students from Mechanical Engineering, 7 students

form IT Department, 6 students from Electrical Engineering and 2 students from Computer Science Engineering took part in the workshop.

Quote of the Month

"Much education today is monumentally ineffective. All too often we are giving young people cut flowers when we should be teaching them to grow their own plants."   *-John W. Gardner*

Placement Corner

The Indian Army (Twenty Third Pre Final Year University Entry Scheme (23rd UES) For Men Permanent Commission, July 2014) conducted Personal Interview (PI) during 30th November and 1st December at the Campus of B. H. Gardi College of Engineering & Technology. Over 250

Indian Army @ Gardi Vidyapith Campus

students for 60 vacancies in Mechanical, Civil, Electrical, Computer and EC. From various colleges of Saurashtra region appeared for the Interview. The Personal Interviews were conducted by Major General Karan Mehta and Major General Santosh Singh.

Training & Placement

Project preparation is an important aspect for any final semester students. To ensure that students get best project in reputed companies, the department of MCA actively helped students. Under the guidance of their faculties students went to various companies and cleared the Aptitude Test, Technical Test and Personal Interviews. Following students of MCA-5th Semester have got selected for Training & Project of Final Semester.
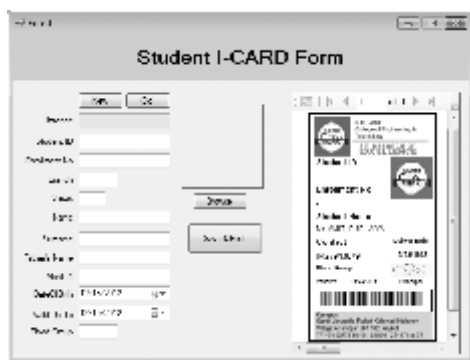
Student Name	Company Name
Sanjay Paghdar	Version System Pvt Ltd
Vishal Joshi	Version System Pvt Ltd
Vijay Dangar	Version System Pvt Ltd
Lalit Patadiya	Aavid Technologies
Hashmukh Bhalodiya	Aavid Technologies
Rahul Bhayani	Argusoft
Hiral Joshi	Impex Solutions
Nisha Jakasaniya	Impex Solutions
Hemdip Badani	i-path solution
Alpesh Mundaliya	Aavid Technologies
Megha Parmar	Creative Infoway

Student Name	Company Name
Jay Bhuptani	Amultek Software Solutions Pvt. Ltd
Ankita Dharsandiya	Atlas Computer
Ravit Bhadja	awaiken Technology
Priya Mehta	Pfiger Software Technologies
Trupti Chudasama	Pfiger Software Technologies
Siddharth Bhatti	WebQuikr
Aejazkhan Khilchi	WebQuikr
Mayur Gaglani	WebQuikr
Vishal Lakhyani	WebQuikr
Viral Oza	WebQuikr
Sanjay Bhoraniya	E Heuristic

Faculty Achievement

Software for Generating I-Card

Software for generating i-card has been developed by Prof. Milan B. Kadivar, MCA Department. This software is used by Student Section of B. H. Gardi College of Engg. & Tech, Rajkot. With help of this software the Student Section can deliver I-card to newly admitted Students within 24 hours. Students can use the I-card for issuing books from Library immediately.

Successfully Completed the Course of Power Searching with Google

Prof. Vaibhav Gandhi, Asst. Prof. & Head of MCA Deparment, has successfully completed the Course of Power Searching with Google in October-2012. He has been awarded with a certificate for the successful completion of the course.

Hidden Talent

Ankita Mehta, student of Journalism and Mass Communication of Gardi Vidhyapith made a mark by exceling in the game of chess. As we all know the game require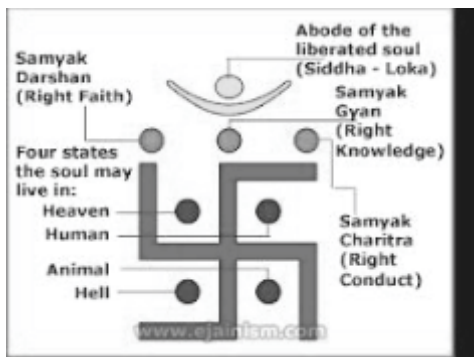s not just intelligence and high presence of mind which she proved by playing the game with panache. In the year 2011 she was awarded consolation prize in Open Saurashtra chess competition, she stood ninth in Open Gujarat Chess Rapid tournament. With her brilliant performanceshe has proved her worth timed and again. Even in 2012 she stood fourth in Open Saurashtra chess competition and eighth in Open Rajkot. We Wish her Good Luck in her future endeavours.

ORIGINS OF JAINISM

Jainism originated in India, although its time of origin cannot be determined. Jainism believes in a cyclical nature of the universe. Jains believe in a universe without beginning, end or creator, hence Jains will refer to the present cycle of the cosmos. The word Jain means a follower of the Jinas (spiritual victors). This title, or that of Tirthankara, was given to a succession of teachers who, through their own spiritual struggle, are believed to have attained kevalajnana (infinite knowledge). Jains believe that there have been twenty-four Tirthankaras. In the present cycle of the

cosmos the last of these 24 Tirthankaras, Vardhamana, usually called Mahavira (Great Victor) is believed to have been born in 599BC in contemporary Bihar, India. At the age of thirty Mahavira began a twelve year spiritual quest, which resulted in his attainment of kevalajnana and the founding of the fourfold order of sadhus (monks) and sadhvis (nuns), shravakas (laymen) and shravikas (laywomen). Jainism does not believe in

MAHA KUMBH MELA

Dharma and devotions unique blend. A one of a kind festival celebrated after every twelve years, theMahaKumbhMela in Allahabad. It started with MakarSankranti. Taking a dip during this fiesta is considered holy, a ritual that washes away your sins. Astrologers have claimed that it is after one forty four years that the planets have inclined like such during this KumbhMela. It started on the 14th of January and will continue for the next fifty four days till the 10th of March. Traces of this Mela can be traced and dated back in Bhagvatand ScandPuran. According to the Puran,

God as the creator of universe but as a liberated soul (Siddha) who has attained Moksha (liberation from the unending cycles of birth, death and re-birth). Every human being and every living being for that matter has the potential to attain Moksha and thus become God. One who is liberated is called Siddha

Origin of Jainism dates back before the beginning of Pre-historic culture. Since its existence more than 5000 years ago, Jainism has never compromised its core principle of non-violence. Rather it upholds non-violence as its supreme religion in the following words of Ahimsa paramo Dharmah and has strictly emphasized its practice at all levels.

In their effort to attain their highest hope, which is the permanent release of the jiva from all involvement in worldly existence, the Jains believe that no spirit or divine being can assist them in any way. Hence Jainism is a non-theistic religion. The Jains consider that gods (i.e., devas) and spirits can influence events of this world only. They cannot help the jiva to obtain release. This has to be achieved by individual through their own efforts. In fact, the gods cannot even gain their own release until they are reincarnated as people and undertake the difficult life of a Jain monk.

The ethical code of Jainism is taken very seriously. Summarized in the Five Vows,

Indra's son Jaydratha was running away with 'amrut' from the demons, it is then the droplets of the 'amrut' fell on eight places in heaven and four places on earth. These places are Hardiwar, Allahabad, Ujain and Nasik. It is in these places that KumbhMela is celebrated.

MahaKumbhMela commences with 'shahi-shnan'.All the four heads gather at Allahabad to mark the beginning of this festival. Priests from far and near gather together.

It is said that around five crore people will gather at the Mela. Barricades have been placed at places in the river which have been deemed by organizations as

"Jainam Jayati Shash Nam"

they are followed by both lay people and monastics. **These are:**
1. Non-injury (ahimsa)
2. Non-lying (satya)
3. Non-stealing (asteya)
4. Non-possession (aparigrah)
5. Chastity (brahmcharya)

HEART OF JAINISM : "PRATIKAMAN"

After the Pratikaman (Jain prayer, literally "introspection"), Jains seek forgiveness from all the creatures of the world whom they may have harmed knowingly or unknowingly by uttering the phrase - Michchhai Dukkadam. As a matter of ritual, during Samvatsri-the last day of the Jain festival paryusana-Jains utter the phrase - Michchhai Dukkadam after pratikraman. [Paryusana falls during chaturmas, four months in the rainy season, reserved for yearly pratikarmana, introspection, and penance and fasting, when even the wandering monks temporarily abandon their wandering life and settle down amidst the householders, giving discourses and organizing scriptural recitations.

As a matter of ritual, Jains greet their friends and relatives with Michchhai Dukkadam, seeking their forgiveness. Forgiveness is requested by saying "Michchhami Dukkadam" to each other.

"*Thus jainism doesnot beleivein creator of god, but it does believe in many gods who are self realised individuals who have attended enlightenment*"

Compiled By : Prof. Rooshabh Kothari
CSE/IT Department

dangerous and also special amends have been made to take care of the crowd because many have lost lives during the MahaKumbhMela. Organizers have warned people against the crowd and for safe keeping of the health. 'Kyuniaaphaintabhidharmhain'-which means it s you who makes the dharma.

Pratik Pandya (Department of Journalism & Mass Communication)

Arty Party

Words that need to be spoken should not accumulate inside.
The hurt, pain or jealousy a person feels can not hide.

Sorrow and anger can be and will be suppressed.
But this only leads to a person feeling depressed.
Anger is a deadly toxin in which the body it flows.

Poison

When it takes over limb by limb, everyone knows.

The body - The mind controls and manipulates.
As the poison enters the veins and circulates.
When the poison reaches the heart it's too late.
Disastrous emotions take over such as revenge and hate.

The antidote to cure these emotions, is not so hard to find.
We must search to learn to control our spirited bodies and minds.

Grishma Kagathara (5th IT, IT Department)

Cultural Programs @ Youth Fiesta 2013

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