A Comprehensive Report of

EVINCIA 2013

....an annual mega event of students by students

Followed by:

Grand Technical Project Exhibition

Technical Posters Presentation

Computer Live Projects

Technical Funny Quiz

Sports Meet

Cultural Grandeur

Days Celebration

L.J. Campus, Near Nagdev Kalyan Mandir,
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LJ Polytechnic, Ahmedabad
Evincia-2013

- **About Evincia-2013**
- **Technical Event**
  - ✓ Technical Project Exhibition
  - ✓ Technical Posters Presentation
  - ✓ Computer Live Projects
  - ✓ Technical Funny Quiz
- **Sports Meet**
  - ✓ Cricket (Boys/Girls)
  - ✓ Volleyball
  - ✓ Table Tennis (Boys/Girls)
  - ✓ Carom (Boys/Girls)
  - ✓ Chess (Boys/Girls)
  - ✓ 100M Race (Boys/Girls)
  - ✓ Tug of War (Boys/Girls)
  - ✓ Sac Race (Boys/Girls)
  - ✓ 3 Leg Race (Boys/Girls)
- **Cultural Grandeur**
  - ✓ Group Dance
  - ✓ Duet Dance
  - ✓ Solo Dance
  - ✓ Fashion Show
  - ✓ Singing
  - ✓ Drama /Skits
  - ✓ Comedy
  - ✓ Live Band Performance
- **Days Celebration (Visuals)**
  - ✓ Executive Day
  - ✓ Traditional Day
  - ✓ Childhood (Back to School Day)
  - ✓ Character Day
  - ✓ Group /Friendship Day
- **Newspaper (Media Coverage)**

LJ Polytechnic, Ahmedabad
Evincia-2013

About Evincia-2013

❖ Evincia-2013, Mega Annual Event of LJ Polytechnic is by the Students for the Students. Here Art, Creativity, Technology, Sports and Culture converge. It gives opportunities to aspiring Young Artists, Engineers, Professionals, Students, Entertainers and Performers.

❖ After the Mega Success of Evincia-2011 and Evincia-2012, LJ Polytechnic celebrated **Evincia-2013 (….nurturing the talent of students)** from **March 8 to March 11, 2013**.

❖ It was a mega event followed by **Technical Project Exhibition, Technical Posters Competition, Technical Funny Quiz, Sports Meet** (Cricket, Volleyball, Football, Table Tennis, Carom, Chess, 100M Race, Tug of War**), and Cultural Grandeur (Dance, Drama, Fashion, Comedy, Singing)** encompassing live Entertainment.

❖ More than 700 (Seven Hundreds) participants have participated in this mega event and more than 4000 (Five Thousands) visitors/audience including students, professionals, faculties and parents celebrated this mega event.

❖ More than 50 thousands cash prizes/gifts/shields/trophies/medals/certificates have given to winners of different events (i.e. technical projects, posters presentation, computer live projects, technical quiz, group dance, duet dance, solo dance, acting, singing and sports).

❖ Renowned Print and Electronic Media advertised the event.

❖ Evicia-2013 was inaugurated on March 8, 2013, at 10am sharp by ribbon cutting along with colourful artificial fireworks.
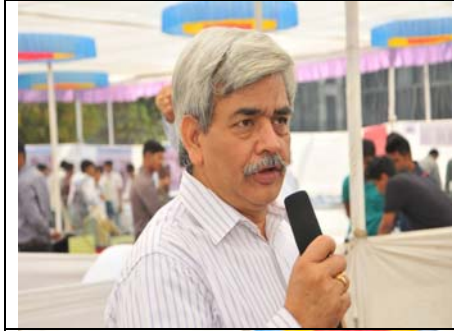
LJ Polytechnic, Ahmedabad
Evincia-2013

Technical Event Highlights

❖ It was grand event followed by Technical Project Exhibition, Computer Live Projects, Technical Posters Presentation and Technical Funny Quiz.

❖ It was held on Friday, March 8, 2013, from 10am to 6pm at LJ Campus.

❖ Hiranmay Mahanta was warmly welcomed by LJ Polytechnic Family.

❖ Exhibition was inaugurated on Friday, March 8, 2013, at 10am sharp by Mr. Hiranmay Mahanta; Director GTU Innovation Council and MD Techpedia along with Dr. P. K Mehta; Director LJMBA, Dr. C. R. Maiti; Director LJIET, Prof. Viral Mehta; Principal New LJ Commerce College, Dr. Mahesh Kella; Director LJ Polytechnic, Faculty Members, other Staff and Students.

❖ More than 40 Technical Projects/Models and more than 100 Technical Posters were displayed by the Students of LJ Polytechnic. More than 50 participants took part in Computer Live Project Competition.

❖ More than 3000 visitors including students & faculties of different colleges, parents, professionals, and engineers visited the exhibition.

❖ Vice-President, All Directors/Principals and Faculty Members of LJ Group of Institutes also visited exhibition. They motivated participants and students for their effort and hardworking.

❖ Technical Projects/Models have also evaluated, motivated and encouraged by Prof. Ashutosh Patel; Associate Dean GTU for Diploma Engineering, Prof. U. N. Pattani; Head of Civil Dept. Govt. Polytechnic, Prof. Vipul Vyas; Computer Engineering Dept. RCTI.

❖ ACPDC Members also visited exhibition.

❖ Hiranmay Mahanta interacted with all participated groups one by one. He discussed various things related to their projects. He also assured to them for patenting their projects.

❖ Projects/Models made by Students from Electronics & Communication Engineering, Civil Engineering, Mechanical Engineering, Automobile Engineering, Computer Engineering and Information Technology.

❖ Participants explained their projects/models nicely. Every visitor was getting proper information about projects/models.

❖ Along with 1st, 2nd and 3rd Prizes, two Innovative Prizes were also given for Projects/Models.

❖ For Posters Presentation, 1st and 2nd Prizes were given.

❖ 1st and 2nd Prizes were also given to Live Computer Project Competition.

❖ Technical Funny Quiz was held. Students enjoyed it very much.

❖ Overall, whole event was informative and with full of knowledge & technical skills.

❖ The event was shown on various Gujarati Television Channels and Published in Newspapers.

❖ Students became too motivated and encouraged after having such type of technical event.

❖ Whole event preparation was done in 25 days between 2 pm & 6pm.

Visuals of Technical Event at LJ Campus

Visuals of Technical Event at LJ Campus

LJ Polytechnic, Ahmedabad
Evincia-2013

Visuals of Technical Event at LJ Campus

About Technical Projects/Models

Automobile Engineering Department

❖ Automotive Paint Shop

Automotive Paint Shop is a working model of painting process which vehicles undergoes in mass production as being processed in manufacturing units. It expresses how all the stages of painting are carried out by the components combined in the paint shop. The main motive of preparation was to help the students and the faculties for better teaching and practical skills.

Prepared By: Luv Bhatt, Harshil Gajjar, Sanjay Kidecha, Bhoomik Patel, Jaivik Patel, Manav Patel, Priyank Patel, Soham Patel.

❖ Automatic Wiper System

We make Automatic Wiper System, it is a very low cost project, very to make this project our main purpose is   decrease the cost of automation system. In India most of the people believe that if you want the high facility then you have to pay a higher cost. We make costly automatic system by easy way and low cost and today this system can be installed in any type of car.

In India all people believe, if want high facility in car so pay highly costs so we make this low cost project. It's decreased 30 % incident in rainy days and decrease human effort and safety in car.

Prepared By: Paras Mistry, Shalin Mistry, Navin Prajapati, Rasik Chauhan, Tushar Vegada.

❖ Car Washing Model

This model is used to clean outer body part of the car. This model has 5 stages of various cleaning process.
 1. Dust removal stage
 2. Water spray washing stage
 3. Adjustable upper and lower body cleanup stage
 4. Side body cleaning stage
 5. Final finish of body stage

This system will be continued after starting of the machine main switch automatically to done all cleaning process. This model reduces the wastage of the water which have used in system. And reuse the used water again to the next process.

Prepared By: Rahul Gajjar, Vaibhav Shah, Majeetsinh, Harshit Shah, Vasishtha Mevada.

❖ Hydrogen Booster Engine

Today, the petrol prices are at a hike, so to increase the fuel efficiency and engine power; we are giving a new concept of hydrogen booster engine. Hydrogen is injected with air-fuel mixture inside the combustion chamber. So it increases the engine power as well as the fuel efficiency. For the engine, Storage of hydrogen is little difficult task and practically not possible so we are putting a hydrogen electrolysis kit. With this kit, the electrolysis process is conducted which converts the Water into Hydrogen and oxygen. This hydrogen is introduced into engine and oxygen moved out into environment.

Advantages of this system: - The efficiency of engine increases about 30% to 40% without compromising in engine power. Also the oxygen from electrolysis helps to keep the environment rich with oxygen.

Prepared By: Bhagyesh Ramani, Neeldip Vyas, Milan Patel, Ankit Patel, Chirag Prajapati.

❖ Intelligent Braking System

This braking system will be operated by sensors and controlling circuit of microcontroller. Basically this system will apply on simple hydraulic braking which have installed in vehicles. Intelligent braking will work manually as well as automatically. It will make possible to reduce the chances of accident. We have reduced estimate cost of intelligent braking system in comparison of others.

Prepared By: Vashishta Mewada, Vaibhav Shah, Vrushit Teraiya, Manjeet Singh, Priyanka Savnerkar.

❖ Mobility Scooter

A three wheeled vehicle is operated by the battery and gets drive from the motor to the front wheel so it is known as mobility scooter. Our main purpose towards this project is to reduce the initial cost of the vehicle, reduce the pollution and also useful for the semi handicapped person. The main components which are used in mobility scooter are battery, motor, controller and hand operated accelerator. The frame is made up of light weight iron materials.

Prepared By: Sofiyan Gadhiya, Theseenraza Vora, Akram Valiulla, Karan Patel.

❖ Project-Visual Autotronics of Automobile

This project had the aim to explain the main primary components that are used to make electrical circuits. The circuits may be used in automobile or other fields. So it is necessary to know the use of primary components, activates you circuit and gives output. The main purpose is to explain the use and requirement of the electrical components used in a circuit or ECM in automobile. It explains how all the components combine and gives output as required.

Prepared By: Soham Patel

❖ Cyclectro (Innovative Prize)

From the name itself we come to know that the vehicle would be working on battery power. Electrical power is converted into the mechanical power that means i.e. we get rotational motion of the wheel. This vehicle also having rear drum brake and its maximum speed is 25km/h. This vehicle is not for commercial purpose, it is only used for small scale industry purpose. This project is under implementation that a dynamo would be mounted on vehicle which can help to produce electric power to charge the battery.
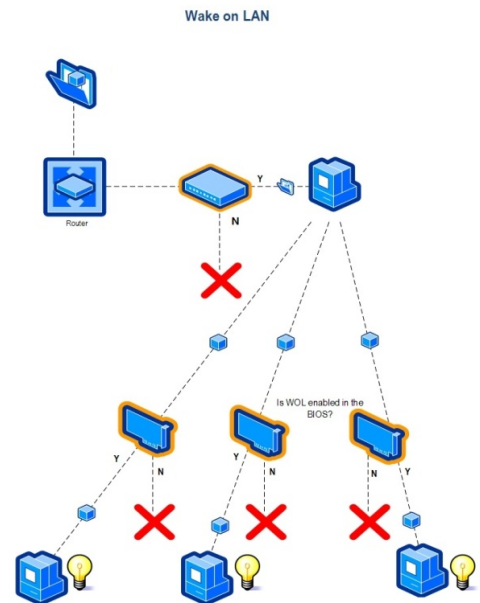
Prepared By: Aaqib Surti, Pranjal Choudhary, Vandan Patel, Karan Patel, Ravi Ahir, Ravi Tank, Kushal Kadikar, Anshul Mehta, Arjun Pandya, Harsh Patel, Yash Modi, Yash Thakkar, Raj Bhavsar.

Computer Engineering Department
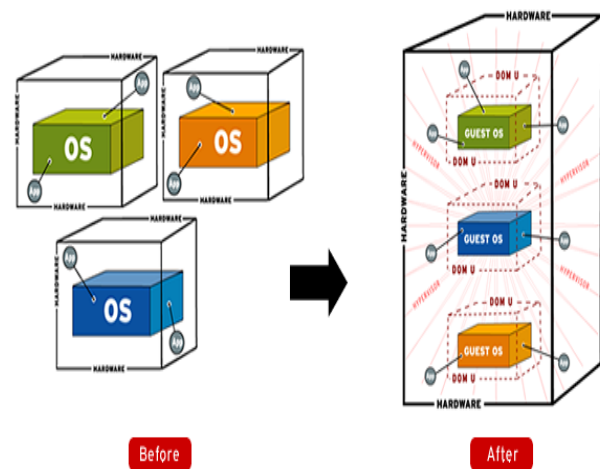
❖ Wake on LAN cum Boot on LAN (1st Prize)

WOL is a method which sends signal to another computer to power on remote PCs. For WOL we need hardware which requires WOL support on bios. It works on the same mechanism as we use to turn on the PC from power button, in WOL the signal is send through Ethernet card. N number of PC can be booted simultaneously or all together as required by the user.

BOL is the further method where the diskless systems are booted by the server through LAN. The Operating System is loaded on client PCs (RAM) through the LAN from server PC. The client PCs don't need any kind of storage hardware like HDD SD card, pen drive etc.

❖ Multiple Virtual Operating Systems working in Real Time

Virtualization is a method for providing virtual hardware to operating system. Using this method the single hardware will be shared between multiple Operating systems. All the operating systems share fix amount of RAM, Processor, HDD of the host PC assigned by the administrator. The fix amount of hardware will be used by the virtual OS. Normally single OS can be used in real time but through virtualization we can operate multiple OS in real time. So the resources which were wasted by the single OS are utilized through Virtual OS.
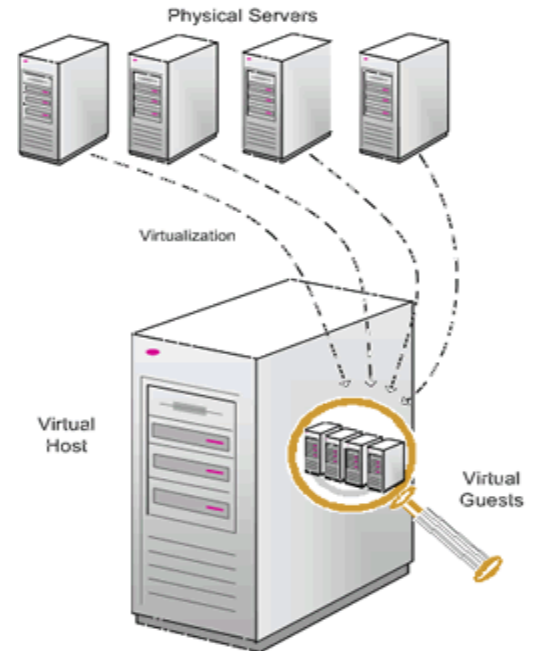
❖ Multiple Servers on Single Hardware cum RIS

Same as Virtual OS, we are using server in place of OS. Several Servers can be used by sharing the resource of single hardware in real time. This saves the wastage of physical hardware.

Using RIS we can install OS via network on different client PCs at same time. Requirement of DVD Rom or pen drive is removed. Efficient Network is only required for installation.

Using WDS, we can install OS with software, hot fix, patches and drivers on any individual or Group of Client PCs

Using concept of virtual server, the servers which are required occasionally can be installed in virtual, so the extra hardware is not required.

❖ Remote Mobile Desktoping

Computer can be remotely accessed or controlled using a mobile phone. It can be even turn on or off from any remote location in the world. File transfer, desktop viewing etc is also possible. It can be very help full when u have limited devices and need to do some job which need heavy processing work which mobile phone or tablet can't do if the files or some data is located at home or office pc and it is required urgently that can be accessed on demand using remote mobile interfacing. It directly connects you with your pc. It doesn't store anything over internet so security is completely in your hands. Only pc requires the software installation on it, the mobile doesn't require any specific configuration other than internet access and browser.

Civil Engineering Department

❖ Euro Tunnel:-Civil 4 Sem

- It is a long tunnel having 153 km span.
- Tunnel is constructed below English Channel.
- In this tunnel sufficient ventilation is provided which helps during failure of electricity.
- It connects England & France.
- There are three tunnels constructed.
- Two are for working or running routine trains & one for service purpose.
- Train carries vehicles & big machines from one country to another.

❖ Town Planning:-Civil 2 Sem

- It is an eco-friendly town planning with all the latest luxurious facilities like sky scrapper, helipad, and club house.
- It also consists of bridge, river flowing between the town, solar panel, gardens & playground for children.
- All types of transport facilities including metro rail, BRTS, etc.

❖ Construction Materials Exhibition:- Civil 4 & 6 Sem

- It is an exhibition of various types of construction materials.
- Such as various types of cement, types of soil, types of a\sanitary fittings & fixtures, various diameters of steel bars, types of bricks such as A class Brick, B class Brick, C class Brick, Fly Ash Brick.. Various types of blocks such as light weight block, AAC block, Paver Block, etc...
- Students had constructed a mould of 15 cm * 15 cm* 15 cm of M20 & M35 on construction site.
- An innovative video of hydrophobic material which acts as a water repellent had played by one of the student.

❖ Building Planning:- Civil 4 Sem

- It is a model of low rise building having 5 b locks, basement parking, and club house in the middle of the whole scheme.
- It consists of 2 BHK & 3 BHK flats of various sizes.
- Shops on the ground floor in front side.

❖ Suspension Bridge:- Civil 2 Sem

- A suspension bridge is a type of bridge in which the deck (the load-bearing portion) is hung below suspension cables on vertical suspenders.

- Outside Tibet and Bhutan, where the first examples of this type of bridge were built in the 15th century, this type of bridge dates from the early 19th century.

- This type of bridge has cables suspended between towers, plus vertical suspender cables that carry the weight of the deck below, upon which traffic crosses.

- This arrangement allows the deck to be level or to arc upward for additional clearance.

- Like other suspension bridge types, this type often is constructed without false work.

❖ Building Model:- Civil 6 & 2 Sem

- It is a model of high rise building having 3 blocks, basement parking, and club house.

- It consists of 2 BHK & 3 BHK flats of various sizes.

- On the outer side there will be a provision of shops.

- Kid zone is provided for the children.

- Gymnasium is also there to make the people fit & healthy.

- Security Cabin at the entrance & CCTV cameras is also provided for the security purpose.

❖ Town Planning:- Civil 6 Sem

- The model of town is developed with all the amenities & fulfilling all the criteria's of different zones.

- It is divided into different zones such as Residential zone, Commercial zone, Industrial zone, Recreational zone.

- In residential zone we had constructed 2 building one is of high rise & the other is low rise quarters for middle class people.

- In commercial zone we had constructed sky scrapper, shops, etc.

- In recreational zone we had constructed restaurant, theatre, police station, etc.

Electronics & Communication Department

❖ GSLV MK-III (Innovative)

GSLV MK-III is a geosynchronous satellite launch vehicle. The main purpose of this rocket is to launch the satellite in the space. The journey of this started from a place namely Tumba at Tiruventrampuram, Kerla by Dr. Vikram Sarabhai in 1960s, GSLV MK-III is under development at ISRO. The specialty of GSLV is, it is a stationary satellite. In our project of GSLV, we tried to display the model and launching system. Also we made model of international space shuttle. It was amazing experience working together. We got a great support from our faculty Mr. Nirav Rajan. We received many ideas from ISRO exhibition. We got great opportunity to work at mechanical workshop.
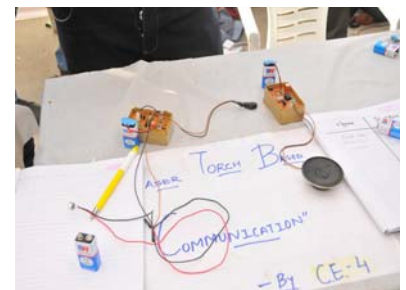
❖ LINE FOLLOWER ROBOT using Microcontroller

Here, the robot follows the black line path. We have used the comparator IC which will compare the signal coming from the sensor; we have used the IR sensors. The IC L293D is a motor driver IC which will be giving the signal to front motors of the robot. This IC is will be controlled by micro controller IC from the family 8051. We find many application of this kind of robot in industries. It was great experience making the project.

❖ LASER Torch Based Communication

This project is mainly used for communication. Basically we used antenna for communication but here we have use the LASER torch to communicate. In this project, when we speak something in mike, we can hear the voice in loud speaker at receiver side. This can be advantageous in the villages.

❖ Packet Switching

When the data is transferred to one computer to another is known as packet switching. when the data is to be transferred initially is sent to the router. That router will decide a path which is the shortest and free. The path is decided at that destination data is transferred. The data is not in sequence.
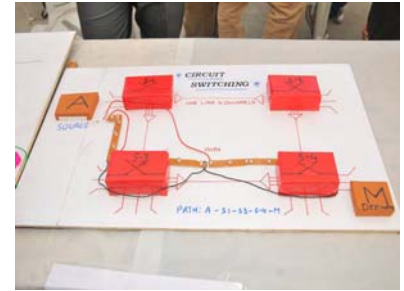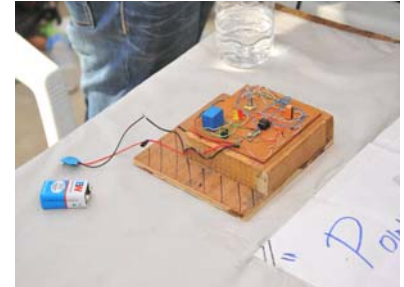
❖ Circuit Switching

The circuit switching is used in telephone communication. In this network we have the frame of data.ist path is decided from source to destination. There are 4 switches in this network. In this no data is stored so it is resend to the destination.

❖ Auto Switching Lamp

It simply works on the principle of LDR. When light falls ON LDR the resistance increases. When light falls OFF LDR, the resistance decreases. And current flows through it and light turns on.

❖ Environment Conservation

We made the project to awaken the people that GLOBAL WARMING is harmful for mankind. We have shown that how the earth was before and how it is at present. Earlier there were many trees and forest and more cultivation was possible. But now due to pollution in air and water because of factories, industries, and acid rain occurs day by day.

❖ Wooden Ship

We have made a model from the wood showing a ship. It works by remote control at 27MHz frequency. It has a wiper motor. It can rotate left and right through radar mechanism. This uses DC motor power sources is 12 volt and its height is 6 inch, it consume less power and gives more output.

❖ Model on Traffic Management

In this technological world, there is more demand of automobiles and due to that increasing numbers of vehicles, which causes the traffic. To solve this issue we have designed this model. In this system multiple frequency transmitter in integrated to the cross road traffic's light. Here transmitter and receiver works accordingly, as the sensor placed on the road side are activated accordingly.

❖ GSM Voice Call Scenario

- The project is based on GSM call process.

- We all are using mobile phones in our daily life. But we all are unknown to know about how this call or SMS or other services are being happened.

- **Aim:** communication between two entities.

- **Process:**

- All mobile phones (IMEI) and SIM (number) are allocated with specific number.

- First when call generating form caller that gives signal to nearest BTS (base transceiver station),

- Now BTS will request to BSC (base station center), to connect the subscriber with another subscriber.

- Now, BSC forward or request to MSC for further connection.

- MSC checks all the information of both the subscribers. Like, home location register (HLR) visitor location register (VLR) and authentication center (AUC).

- If all the information is correctly specified without any error it forwards the call else it will take action.

- If the persons' information is transparent then it will forward that request to BSC and join the connection with that persons nearest BTS and the call will establish to receiver side.

- This all information will check in just 1.34 us when we are dial the number and we hear that beeping …. Sound….. All are done so fast.

Mechanical Engineering Department

❖ Air Caster

- Material Handling is increasingly being recognized as a primary tool for improving productivity. Nearly every activity in manufacturing involves some form of material handling.

- The air bearing caster was invented in the late 1960s at the General Motors Technical Center in Warren, Michigan.

- An AIR CASTER is a pneumatic lifting device used to move heavy loads on flat, non-porous surfaces.

- The main AIM is to Lift The Load & Move It with Less Efforts.

- Its operation is similar to a hovercraft, as it uses a thin layer of air as a way to float a very small distance off the ground.

❖ Automatic Valve Ball Buffing Machine

- Buffing is a specific type of mechanical polishing using a high speed disc (buffer) made from layers of cloth, leather or plastics impregnated with an abrasive. The work piece is pressed against the disc for buffing.

- Automatic valve ball buffing machine works using the reciprocating mechanism driven by the motor.

- Here the circular motion of the gear is converted to the reciprocating motion of the mandrel. The mandrel should be capable of fast loading and unloading of the work piece (i.e. valve ball). It should rotate with ball without any jerks. The mandrel should have good load bearing capacity

- The infection to tuberculosis is reduced. Cheap cost (Initial cost is more but it gets cover in 1-2 months.) No complex design so can be repaired on the spot. Full and uniform use of buffing wheel

Cultural Event Highlights

❖ It was grand event followed by Group Dance, Duet Dance, Solo Dance, Drama, Skit, Fashion Show, Singing, Comedy and Live Band Performance by Students.

❖ It was held on Monday, March 11, 2013, from 3:30 pm to 08:00 pm at Town Hall.

❖ Programmed was inaugurated with Lighting Lamp (Deep Jyoti) by Dr. Manishbhai Shah; Vice-President; LJK, along with Dr. P. K Mehta; Director LJMBA, Dr. C. R. Maiti; Director LJIET, Prof. Viral Mehta; Principal New LJ Commerce College, Dr. Mahesh Kella; Director LJ Polytechnic, Faculty Members, other Staff and Students.

❖ After Deep Jyoti Evincia-2013 Animation, Technical Exhibition Video, Days Celebration Video and were shown.

❖ Then Ganesha Vandana was performed by students.

❖ A group of students gave tribute to our Soldiers by Fashion Show.

❖ Drama was shown about save Environment.

❖ Save Girl Child Theme was also presented by Fashion Show.

❖ More than 100 participants took part in different performances.

❖ More than 1000 audience including students, faculties, parents and professionals enjoyed the event lively.

❖ Vice-President, All Directors/Principals and some Faculty Members of LJ Group of Institutes also among audience. They motivated participants for their performances.

❖ Participants were performing like they are in TV reality show.

❖ Audience was enjoying very much on every performance.

❖ Overall, whole event was very entertaining.

❖ The event was shown on various Gujarati Television Channels and Published in Newspapers.

❖ Students became too motivated and encouraged after having such type of cultural event.

Visuals of Cultural Grandeur at Town Hall

Sports Event Highlights

❖ It was grand event followed by Cricket, Volleyball, Table Tennis, Chess, Carom, 100M Race, 3 Leg Race, Tug of War and other Funny Games.

❖ It was held on Saturday, March 9, 2013, from 8:30 pm to 05:00 pm at LJ Campus.

❖ Event started by Cricket Match Final and followed by various other Games.

❖ 27 Boys Teams took part in Cricket.

❖ 27 Boys Teams took part in Volleyball.

❖ 4 Girls Teams took part in Cricket.

❖ More than 40 participants (Boys & Girls) took part in Table Tennis.

❖ More than 60 participants (Boys & Girls) took part in Carom and Chess.

❖ More than 150 participants took part in other games.

❖ Cricket/Volleyball/Table Tennis/Carom/Chess League Matches were played between February 21, 2013 & March 5, 2013 from 2:15pm and 5:00pm.

❖ Students became too motivated and encouraged after having such type of sports event.

LJ Polytechnic, Ahmedabad
Evincia-2013

Visuals of Sports Event at LJ Campus

Days-Celebration Visuals of Students of LJ Polytechnic

Newspaper Coverage

Gujarat Samachar

Sandesh

એલજેમાં ડાન્સ-બેન્ડનું પાવર પર્ફોર્મન્સ

અમદાવાદ : ૧૨ માર્ચ ૨૦૧૩

એલ જે પોલિટેક્નિક કોલેજ દ્વારા સોમવારે એન્યુઅલ ફંક્શનનું આયોજન કરવામાં આવ્યું હતું. આ ઇવેન્ટમાં મોટી સંખ્યામાં સ્ટુડન્ટસ જોડાયા હતા. એન્યુઅલ ફંક્શનમાં ભારતીય સેનાની ત્રણેય પાંખના જવાનોના યુનિફોર્મને ધ્યાનમાં રાખીને શરૂઆતમાં એક ફેશન શોનું આયોજન કરવામાં આવ્યું હતું. ત્યારબાદ કોલેજના સ્ટુડન્ટસે બેન્ડનું રોકિંગ પર્ફોર્મન્સ આપ્યું હતું. માતાના પ્રેમને ધ્યાનમાં રાખીને સ્ટુડન્ટસે 'મૈના હગ લેંગે...' સોંગ્સ પર ઇમોશનલી પર્ફોર્મન્સ આપ્યું હતું. ડ્રામા, ફેશન શો, સ્કિટ, ડાન્સ, સિંગિંગ, રોક બેંડ પર્ફોર્મન્સનું આયોજન કરવામાં આવ્યું હતું. ઇવેન્ટ દરમિયાન ઇન્ટરેસ્ટિંગ એકે ઉપસ્થિત લોકોને હસાવ્યા હતા. જેમાં સ્ટુડન્ટસ દ્વારા એક તૈયાર કરવામાં આવી હતી. સાથે જ સ્ટુડન્ટસ દ્વારા ગ્રૂપ ડાંસ રજૂ કર્યો હતો અને યુનિક ક્લોથ્સ સાથે ફેશન શોમાં રેમ્પવોક પણ કર્યું હતું. ઇવેન્ટની શરૂઆતમાં વર્ષ દરમિયાન કોલેજમાં સેલિબ્રેટ કરવામાં આવેલી વિવિધ ઇવેન્ટસ અને ડિફરન્ટ ડેઝનો એક સ્પેશિયલ વીડિયો તૈયાર કરવામાં આવ્યો હતો. જેવું વીડિયોનું સ્ક્રીનિંગ શરૂ થતાં જ સ્ટુડન્ટસ એક્સાઇટેડ થઇ ગયા હતા. કોલેજમાં પોતાના શરૂઆતના દિવસોને યાદ કરીને કેટલાંક સ્ટુડન્ટસ ઇમોશનલ બની ગયા હતા.

Divya Bhaskar

એન્જિનિયરિંગના વિદ્યાર્થીઓએ બનાવ્યા ઇનોવેટિવ મોડલ

● સિટી રિપોર્ટર . અમદાવાદ

તાજેતરમાં એલ.જે. પોલિટેકનિક ખાતે વાર્ષિક ઇવેન્ટ 'ઇવેન્સિયા-2013'નું આયોજન કરવામાં આવ્યું છે. ઇવેન્સિયાના પહેલા દિવસે અલગ અલગ બ્રાન્ચના વિદ્યાર્થીઓએ ઇનોવેટિવ પ્રોજેક્ટના મોડલ સાથે રજૂ કર્યા હતા. મિકેનિકલના ફાઇનલ વર્ષમાં અભ્યાસ કરતા જયસીલ, હિમાન્શું, ગોવિંદ અને નિપમ દ્વારા એર ડ્રેસ્ટર નામનો પ્રોજેક્ટ તૈયાર કર્યો છે. આ પ્રોજેક્ટમાં એર બેગથી ગમે તેટલા વજનની વસ્તુને હાથના ઇશારે ખસેડી શકાય. જ્યારે કમ્પ્યુટરમાં વિદ્યાર્થીઓએ રિમોટ ડેસ્કટોપ ઓન મોબાઇલ નામની એપ્લિકેશન તૈયાર કરી છે. જેમાં મોબાઇલથી કોઇ પણ કોમ્પ્યુટરને ઓપરેટ કરી શકાય છે. બીજા પ્રોજેક્ટમાં વર્ચ્યુઅલ મલ્ટિપલ ઓપરેટિંગ સિસ્ટમ નામના પ્રોજેક્ટમાં એક જ કમ્પ્યુટર હાર્ડવેરના ઉપયોગ દ્વારા એક સાથે એક કરતા વધારે ઓપરેટિંગ સિસ્ટમ ચલાવી શકાય. જેમ કે લીનક્સ, એક્સપી, વિન્ડોસ સેવન, વિન્ડોસ એઇટ બધા એક સાથે કામ કરી શકે છે. વર્ક ઓન

'ઇવેન્સિયા-2013'માં વિદ્યાર્થીઓ દ્વારા તૈયાર કરાયેલા ઇનોવેટિવ પ્રોજેક્ટની એક ઝલક

લેન કમ બૂટ ઓન લેન કોમ્પ્યુટર મશીનની પાવર સ્વીચ દબાવ્યા વગર સર્વર પરથી ગમે તે કમ્પ્યુટર ચાલું બંધ કરી શકાય તેમજ ગમે તે ઓપરેટિંગ સિસ્ટમથી ચલાવી શકાય છે.