

CAMPUS DRIVE

The Department of Mechanical Engineering organized a discussion on Energy Conservation. The guest speaker for the event was Dr R.N. Patel, Head of Mechanical Engineering Department, Nirma University . Some of the topics highlighted were what is energy conservation? Need for energy conservation and importance of it. Some

Expert Talk on Energy Conservation...

of the other topics were also the various sources of producing energy, capacity of various power plants to produce the energy, how energy can be conserved? And many other such related topics.

After the very educative seminar the students were just not aware but also inspired to work on energy conservation in the near future.



Expert Talk on Theory of Computation

The Primary aim of this expert talk which was organized by Computer Science and Engineering and Information Technology Department was to bring technical knowledge across the state/country up to the speed with the latest developer's tools & technology that are currently being used by IT field. This Expert talk was planned and schedule to address Computation and Finite Automata. The discussion overlooked on the topics of what is Computation, Formal Language, Grammar of Language,

Deterministic Finite Automatas(DFAs) and Context-Free Grammar.

The guest for the seminar was Prof. Malay S. Bhatt of Dharmsinh Desai University (DDIT), Nadiad.

Along with the core subjects of discussion he also highlighted the subject "theory of computation" as important for GATE examination.

A special acknowledgement to Prof S B Jadeja (Hon. Director) and Prof H M Nimbark (Head, CSE Dept) for their



valuable effort and guidance for making this event a success.

EC World Remains Awaken And Alive

A 40 Hours Workshop on 8051 Microcontroller & interfacing was organized by the Department of Electronics & Communication Engineering. It was organized to give the students a practical understanding and feel of the industry workings

The agenda of the workshop was an Introduction to Microcontroller and embedded C, understanding some applications of Controller, Interfacing of

some Peripherals, how to build projects by using microcontroller and many others. The applications of these were discussed in depth for a thorough understanding of the students. This workshop had increased the exigency of EC engineers in the industry. Now-a-days most of the electronics tasks either directly or indirectly depend on microcontroller and its applications. So a thorough understanding of the subject makes the students at par with the



industry. The Execution of the event was handled by Mr. Bhavin Bagthariya.

Workshop on Android Game Programming

The Primary aim of the workshop which was organized by Computer Science and Information Technology Engineering Department was an introduction history, elements, and functionality of Games

The workshop also emphasized on the introduction of Android games and Programming.

Prof H. M. Nimbark (Head of CSE Department) started the session and

welcomed Mr. Tejas Jasani, Owner of The Appguruz, Rajkot and Mr. Devang Rajdev, IOS Gaming Senior Developer who then delivered a lecture on these topics.

It was later followed by Certificate distribution by Mr. Tejas Jasani who also motivated students by giving examples of different successful game developers.

Without the support and guidance Prof S B Jadeja (Hon. Director), Prof H M Nimbark (Head, CSE Dept) and Prof Yatin



Shukla (Head, IT Dept) this workshop would not have been possible.

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EC department organized a two day workshop to prepare students for Research & Development. It had eminent speakers from various prestigious institutions like DAIICT, ISRO, Masibus, Advantech, Gateway Solutions, Pegasus Semiconductor limited.

First session was delivered by Mr. Hemant Patil from DA-IICT on Digital Signal Processing. In which some important concepts were discussed with respect to DSP Technologies. Some logics were based on discrete signals also. And advanced topics were Analog to digital converter and Optical Character Recognition.

Mr. Rashmit Patel from ISRO on FPGA and its applications. FPGA is abbreviation of Field Programmable Gate Array. He introduced the functioning of Aktel devices, test bench techniques such as on Quartus software to implement on any digital logic circuit efficiently. Mr. Alpesh Prajapati, Mr. Kutubdin and Mr. Gaurav Menpara from ADVANTECH

Prepare Yourself for Research & development

ELECTRONICS PVT. LTD explained everything about the LABVIEW software which is very user friendly and powerful in programming by graphical approach. They explained how to build a project by LABVIEW and demonstrated some projects made by their company.

Jayanta Goti from MESIBUS AUTOMATION revealed the roll and responsibility of R & D engineer then product development cycle. Some live examples like Temperature problem in Analog output circuit, Frequency accuracy problem, SMPS failure and some other problem faced during design and development. And at last he increased students' motto by pointing some scope in field of electronics engineer.

Mr. Gowdara Pandu from GATEWAY SOLUTIONS explained many things related to VLSI and Embedded systems. He made the students aware of the following things like Expectation from the engineer in VLSI and Embedded system,



Unique characteristics of such field and then last good opportunities. Some fundamental of EDA (Electronics Design Automation).

Miss Aswini, Mr. Sudhindra Tatti from PEGASUS SEMICONDUCTOR LIMITED (a solar technology based company)As we know sun is the enormous source of energy and this company focused on this thing only and developed some solar based equipment which has unanimous use in day to day life.

This workshop forever changed the students' perspective and learning. They now see invisible in electronics.

Social Activity!

The Department of Civil Engineering arranged an activity on Mahashivratri wherein they visited BAPS Swaminarayan Temple for Darshan and Aashirvachan. Param Pujya Shree Apurvamuni Swami met the students and gave them blessing. An inspiring speech of 35-minutes was delivered by him to our students in the Sat Sang Hall. Swamiji explained the meaning of ABCD where A for Aim, B for Behavior, C for Confidence and D for Discipline. Then student roamed the vicinity and visited the newly

constructed 'Pramukh Swami Sabha Hall'. This now can hold the largest capacity of people in one time in Gujrat. It ended by presenting Swamiji with a memento as a token of love.

The Secondly visit was at Mahakaleshwar temple. The Annakshetra has been running by the temple since many years now. The student and staff had collected an amount of Rs.3500 and donated it to the temple to provide one time lunch to the poor, homeless people and children. The



food was served by our students to nearly 300 poor. Though an approach outside regular studies the students enjoyed a lot and took part with great enthusiasm.

SPDC 2013

SPD (Student Professional Development Conference) India 2013, is a national level event held at K.L. University, Vijayawada and Andhra Pradesh. Spiced up with the flavor of South India for the first time, SPDC India 2013 is all set to entwine with exciting events.

ASME members from different part of the country attended this grand event. B.H. Gardi College was the first college in

Saurashtra to take part in SDC (Student Design Competition). Team of 8 members of BHGCET took part in it.

The event was initiated to develop and practice skills required in the engineering workplace, expand your network beyond campus, meet practicing engineers, showcase design projects, enhance your soft skills, team-work and inculcate ideas for future projects.

ISPDC turned out to be an outstanding



event. It is hoped opportunities like these will come forward more often.

MANAGEMENT TIMES

International workshop YES!+ conducted at MH Gardi School of Management

Introduction:

Youth Empowerment Skills workshops (YES!+) are conducted by the World Alliance for Youth Empowerment (WAYE) to equip students to excel both academically and professionally. It is an international workshop, conducted in institutes like IIMs, IITs, Google, NASA and World Bank. WAYE is a youth NGO formed by the Art of Living Foundation, inspired and guided by His Holiness Sri Sri Ravi Shankar, with the objective of all round development and empowerment of the youth.

The workshop is filled with such powerful processes that it opens up the students towards a positive note to work, excel and grow in every sphere of Life. Be it studies, emotional stability, freedom from addictions or Time management.

M. H. Gardi School of Management hosted YES!+ workshop, on 28th March to 2nd April 2013. We became the privileged host of the same workshop that is taught in IIMs, IITs and other renowned institutes and proved our commitment towards students' excellence. Students got exposed to very simple yet precious knowledge which is very helpful in their life. With Great support and freedom from the director Prof. (Dr.) Sandip Solanki, Asst. Prof. Jay Padh from MBA dept, who is also a YES!+ Teacher, Conducted the workshop along with another YES!+ Teacher, Ms. Dimple Bhatt.

Effect of YES!+ on Studies

The obvious result is students who are well-rounded, improve their academic performance and bring success to their educational institute both at their workplace and in society. It has also been our experience that students who have undergone the program look upon the institution with a lot of respect and providing them with the tools when they need it most. The main impact of YES!+ on the studies is that, it has lead the students to doing study with 100% concentration. The "Secret of studies" taught in the workshop, made studies "miraculously effortless"! Because of this course, the stress related to study is released and students feel free when they study.

Effect of YES!+ on Efficiency

For the instance, we have a belief that Yoga and Meditations is not our cup of tea, it is the old age people stuff. But when the students experience the meditations and other powerful techniques like Sudarshan Kriya, they get to know that the peace and serenity of mind that is required in workplace can only be achieved by these techniques. The techniques taught in the workshop were so powerful and easy to implement.

Productivity is increased and we can feel that working becomes so effortless.

Effect of YES!+ on Enthusiasm

Youth means energy, youth means enthusiasm! But somehow, this enthusiasm is dormant when it comes to "Studies". Here, YES!+ processes showed how life can become undemanding and beautiful. The powerful knowledge and beautiful processes of YES!+ gave a forever fresh, fine, fantastic, and glorious feeling. This workshop gives new and perfect way to live our life smoothly. Now we can proudly say that life is "ROCKING"!

Experiences of the students

YES!+ is the most empowering thing I have ever experienced in my life and I highly recommend it to anyone regardless of your beliefs, religion, race or feelings. It doesn't even matter if you're working towards developing yourself into a stronger, more professional, and more empowered individual. Now I think like a "Rivers" never go "Reverse", I have experienced growth, wisdom, enjoyed better physical health, improved clarity and focus, and more harmonious relationships.

I am grateful to the college for giving me the pertinent knowledge whenever required, for making me realize again and again that I'm not alone and there is a force behind me pushing me through all the tough times. Ever since I have done this workshop, I feel more alive.

I have experienced that before joining this course I was not feeling that much happiness but after going through whole workshop now I am able to enjoy each and every moment in my life. I have learned that to live in present moment. Even more than that I am feeling refresh and I give my 100% in right direction to my work. I thank our director sir and all the organizers of this workshop for giving us this opportunity in life.



Mausamee Bhadja (MBA 4th sem)

After joining this workshop I got new path for living my life. And that's why my life became smoother. My concentration and confidence level is increased so much. Now I have become very strong about my relationships. And I became very sincere, regular, and perfect in my every work. I have observed an unshakable emotional stability. Moreover, the workshop processes have effectively taught me to manage my time very effectively. This will surely help me in my studies and my profession as well.



Mital Ponkiya (MBA 4th sem)

Before joining Yes+ workshop it was hard to deal with each and every situations of life. But now after the completion of the workshop I've learned how to manage relationships, how to keep concentrate on studies, etc. This workshop has reduced my stress and tension. This path is so beautiful that I don't worry if any challenge comes in front of me. With the knowledge gained from the processes of the workshop, I have observed that I am now better in managing everything, including my studies.



Kush Mehta (MBA 4th sem)

-Priyanki Pandya
MBA 4th Sem



Priyanki Pandya (MBA 4th sem)

CAMPUS DRIVE

MH Gardi School of Management, one of the prominent institutes of saurashtra region has added one more feather in their crown. MH Gardi School of Management, has arranged a workshop in association with BSE Brokers' Forum on the topic of "Rajiv Gandhi Equity Savings Scheme for Young Investors".

Almost 50 students and 4 faculties have participated in the workshop of BSE Brokers' Forum. The workshop was started with words of creating awareness of RGESS among young investor. BSE Brokers' Forum is doing workshop's for creating awareness in reputed management institute of India. After having a warm welcome of dignitaries i.e., Dr. Aditya Srinivas, Chief Operating Officer, Bombay Stock Exchange & Mr. Karan Dedhia, Event Manager, Bombay Stock Exchange, workshop started with a brief introduction and history of Bombay Stock Exchange.

Dr. Aditya Srinivas has started workshop

Workshop on "Rajiv Gandhi Equity Savings Scheme for Young Investors" with BSE Brokers' Forum

giving key highlights of Indian and Global Economic Situation. He explained reasons for the crisis of 2008 and 2011 and why Indian economy has outperformed the crisis. Dr. Aditya Srinivas gave valuable information i.e., 86% of total production consumed in India, High saving rate of Indian Household 31% V/s Global Average of 24%, Debt to GDP ratio of World is 69% V/s Indian having 64%, Indian GDP has an average growth of 7% V/s world of rest of the world. He said difference between FII and FDI. He also explained the impact and benefits of FDI on Indian economy. Dr. Aditya Srinivas also highlighted the benefits of investment in RGESS, which helps new investor to do safe investment in current equity market which also gives benefits to tax.

Mr. Karan Dedhia gave an overview of Risk Management System of BSE, Short Selling, New Banking License Policy and Employment Opportunities in Financial Market Segments. With her concluding

remarks, He put pressure to achieve key skills like Effective Communication Skill, Convincing Power & In-depth and Updated Knowledge about current global scenario. Students have taken active participation in the question - answer session and also showed an interest to visit BSE for training purpose.

The chairman of Gardi Vidyapith, Shri D.V. Mehta has highlighted on X-Factor saying that an individual should have unique skills to outperform in this era. Mr. Prashant Mehta, CEO has also emphasized that Students should have savings habits. Mr. Sandip Solanki, Director, MH Gardi School of Management, shares his views by focusing on the importance of knowledge updation in this competitive world.



CAMPUS DRIVE

Gardi vidyapith has celebrated the International Women's Day on 8th March, under the guidance of prof. Forum Rajdev, in which more than 300 girls participated with enthusiasms. As per Indian tradition the event started by the lighting the lamp which was followed by a prayer dance performed by Chauhan Chandrakala & Rajpara Vrinda. After the prayer dance, celebration was started by wonderful dance performances by the students.

Maniyar Jinal presented a gujarati poem "chhe dikri ne jivavano haq?". It was heart touching for all. Divya Sheladiya had given speech on 'Safety & Security of girls'. She also spoke about Jyoti, the victim of Delhi Gang rape case. She showed us all the scenes of Jyoti by ppt which was enough to make us aware about these incidents.

It was followed by a drama was presented by the students. The drama portrayed the situation, prevailing in 1980's i.e. 'Dudhpiti' Custom. They also performed

Report On International Women's Day Celebration



what injustice prevailed in 1990's, for the girl child i.e. the practice of "Sonography" and girl child "abortion practice". Then after the scenario of 2000 was shown: where the girl children were allowed to be born but their security was at risk. And in 2020 scenario the girl would have to learn, the self defense was emphasized via teaching self defense techniques. It was wonderfully performed. Even the costumes were designed from 1980's, 1990's era.

Pooja Marakana made the audience laugh by performing mimicroies.

The program was anchored by Maitri Gondaliya, Saloni Premani & Aarzo. They made audience play games like tongue twister, and sing a song by replacing funny words. Their interaction with audience made the event alive.

All the female workers of our institute were honored by a gift and gratitude. Momento was given to invited guest Prof. Neelam Dalal- civil department of Government College. She addressed the women on how harmony is in initiative on women in family. As we celebrated this momentous occasion, each of us carried good memories.

KNOWLEDGE TIME

Quality of life is the most important thing one can want from life. Good health combined with happiness helps us achieve a high quality of life. Fitness is what makes us achieve these things as quality of life is only attained by a healthy life and fitness makes a life healthy.

Fitness has been defined as:

'Good physical condition, the condition of being suitable'

Fitness is just as important as good health. Moreover, it can be said that fitness correlates directly with our health. If we are not taking care of our bodies, we get sick. Only fitness can help us maintain good health. You can become fit by following some exercises and taking a healthy diet.

Physical fitness is a set of attributes a person has in regards to a person's ability to perform physical activities that require aerobic fitness, endurance, strength, or flexibility and is determined by a combination of regular activity and genetically inherited ability.

Working Your Way towards Fitness and a Better Health If you possess a weak health or have been sitting around for a long time, you cannot start with a full fitness routine. You will want to start slow and build your fitness level little by little. Doing too much at once may harm you instead of doing any good. If you try to do too

Importance of Fitness for

Health and Life...



much at first, you are likely to abandon it as it will leave you too sore or weak.

Maintaining yourself as fit or getting fit does necessarily mean attending a gym or working out in an aerobics studio. Choose an activity that you actually enjoy and you are more likely to continue with it and notice improvement in yourself. The easiest exercise that you can start with is walking every day. Walking is the best exercise you can do. It involves the entire body and you do not need any special equipment to walk.

The Purpose of Health and Fitness Tips: The main purpose of these health and fitness tips is to help you in living a better and satisfied life. Without fitness and health, life can lose all of its joys and it can make one feel dejected and withdrawn. Full of health and fitness, you can enjoy your life and live it to the fullest.

With only a few days workout, you will feel a new life in yourself and more healthy. Fitness can be achieved with the simplest

of programs which help you attaining better health. How to Remain Fit and Healthy Eat lots of fresh fruits and vegetable. Take in good quantities of mineral found in fruits, vegetable, beans and cereals.

Reduce stress as it is one of the big hurdles on your way to fitness. Meditation, exercise and massages are good way to relieve stress.

Eat small meals throughout the day rather than big meals and always eat your breakfast as it helps in speeding your metabolism leading to proper digestion.

Plan an exercise routine for yourself. You can start with an easy to do plan for a short time and increase the time as you go on. It will help you to stay in shape as well as cut down excess calories, maintaining balanced weight. Stop the use of drug and try to quit smoking as it is very dangerous for you and those around you. Also

Try to get some sunshine early in the morning as it provides vitamin D as it works with calcium and controls body fats.

Fitness is an important part of a healthy life. By making some change in your life style and eating habits, you can move towards fitness and in turn a happier life.

-Prof. Nikul Virpariya
-Prof. Altaf Mogal

THE GREAT NATIONALIST

Pandit Shyamji Krishna Verma (1857-1930)

Shyamaji Krishna Varma was born on 4th October, 1857 in Mandvi, Kutch, Gujarat. He had his primary education in the village school at Mandvi and thereafter completed his secondary education in Bhuj. He went to Mumbai for further education at Wilson High School where he learnt Sanskrit.

Shyamji arrived in England in 1879 on invitation of professor Monier Williams of Oxford University. In 1885 he returned to India, enrolled himself as an advocate of Bombay High Court and started his practice. After a short period of stay in Mumbai, he settled in Ajmer which was

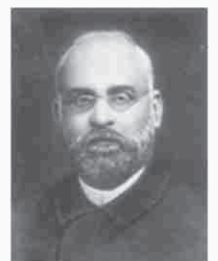
also the headquarters of his Guru, Swami Dayanand Saraswati.

In 1897, the atrocities inflicted during the plague crisis in Pune on Indians by the British Government, stunned and shocked Shyamji. He decided to dedicate all his money, time, scholarship, literary power and above all his life to serve his Motherland selflessly. He deliberately intended to launch uncompromising propaganda and to create support in England and Europe for the independence of India.

Then, he started the publication of a monthly magazine 'Indian Sociologist'

which became a medium of revolutionary thoughts. In February 1905, he established the Indian Home Rule Society to raise his voice against British domination in India. He established 'India House' in London to help Indians visiting England.

After several health problems, the great nationalist, Shyamji Krishna Verma, passed away on 30th March 1930 far away from his beloved Motherland.

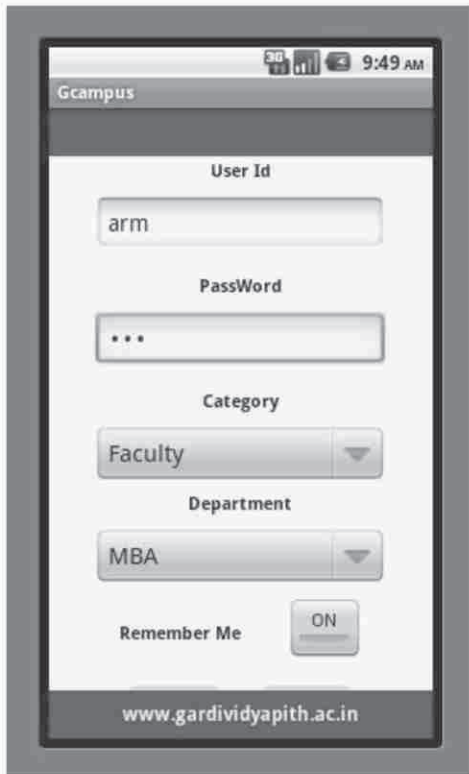


-Akshay M. Joshi
Sr. Clerk, B.H.Gardi College of Engg. & Tech.

TOP ACTIVITIES

GCAMPUS (Gardi Campus) Software

This is an Android based application developed by Mr. Vishal K. Bhut, MCA Department. It needs to be



installed in Android based Smart Phone. With the help of this application an H.O.D. or Principal can send the message to their staff members and/or students and/or visitors about Departmental events, Seminars, Workshops etc.

GMMS (Gardi Maintenance Management System) Software

Web based Software for Maintenance Management for Gardi Vidyapith campus was developed by Prof. Kapil K. Shukla,

Faculty Achievement...



MCA Department. This software is used to put three different types of maintenance requests like General (like water supply, electricity, etc), Computer Hardware and Network related and lastly Classroom Projector.

With the help of this system, maintenance request can be sent to concerned person. This request can be notified to the concerned person in the form of email and SMS also.

SPORTS FIESTA 2013 Online Software

This is an online Web-site for Sports Fiesta 2013 event. This project was developed by Asst. Prof. Ajay A. Ardesana, MCA Department.

This project contains following modules:



1. Online Registration
2. Reporting
 - I. Reporting for Participation entries
 - II. Reporting for the winners of game

With the help of this software their will be reduced paper work and also reduce the work of the event Coordinators. Tsite is accessible from anywhere via Internet, Coordinators can do registration of the students at anytime and anywhere.

This can help the coordinator to find out the total no. of registrations for his/her event as well as other event from different departments.

At the end of the event user can generate a final report which shows the list of winners of different events as well as one can generate the report for a particular event.

Successfully Completed the Course of Google Advanced power searching.

Prof. Kapli K. Shukla, MCA Department, has successfully completed the Course of Google Advanced power searching in October-2012 and he has received a Certificate for that.



International Research Paper by: Prof. Sukant S. Sahoo

Department of Electrical Engineering

Conference: EEEIC2012, ITALY, Supported by IEEE Xplore

Paper Title: Sahoo, S.K, Jariwala, H.R, "A New Power Factor Correction Technique Using PFC Boost Converter," 11th International Conference on Environment & Electrical Engineering (EEEIC12), pp. 819-823, May 2012, ROME, ITALY (Available on IEEE Xplore).

Congratulation to Pratik Shah

Gardi Vidyapith is proud of Mr. Pratik H Shah, Faculty of Mathematics working as an Assistant Professor in Department of Humanities & Science who cleared National Eligibility Test for Lecturer Ship with 36th rank all over India. We heartily congratulate and wish a bright future ahead.

ARTY PARTY

*The sun rises above the hillcrest,
As does the joy of my heart;
Rays of warmth and love,
From her I will never depart.
Fresh dew upon the grass,
Young birds chirp in their nests;
I watch her gently sleep,
My love to her I silently profess.
I enjoy the stillness and calm,
Watching as she smiles and dreams;*

Reflections of a Beautiful Morning...7



- Kumbhani Suraj (10ME59)

*She brings me to stillness and peace,
Like that of a slow flowing stream.
My heart and soul flow with love,
And I smile as I quietly reflect;
I've been handed a sweet princess,
A sweet princess to love and to protect.
A vow to myself I make,
As she quietly sleeps away;
To love and always cherish her,
Until my last breath... until my last day.*

CONGRATULATION

Chitrang Vyas & Darshan Bhatt, students of 6th semester electrical participated in the National level technical event "BRIZINGR-2013" held at Government Engineering College on 19th & 20th March 2013. The

1st Prize in BRIZINGR

event was named "COLLECTOR (PICK THE CUBE)" where they have to pick up the cube using robot & place the cube at predefined position. They competed with 120 other participants and stood 1st by completing the task in 33seconds.



DO U KNOW?

India's math wizard, Shakuntala Devi a Human Computar

At the age of 6, she demonstrated her calculation skills in her first major public performance at the University of Mysore and two years later, she again proved herself

successful as a child prodigy at Annamalai University.

She had the ability to tell the day of the week of any given date in the last century in a jiffy.

In 1977, she calculated the 23rd root of a 201-digit number in just 50 seconds. For this mind-boggling feat, she received a standing ovation from an audience of learned mathematicians.

On June 18, 1980 she demonstrated the multiplication of two 13-digit numbers $7,686,369,774,870 \times 2,465,099,745,779$ picked at random by the Computer Department of Imperial College, London. She answered the question in 28 seconds. Her correct answer to this multiplication sum was 18,947,668,177,995,426,462,773,730 setting up a Guinness World Record.

ART N IMAGINATION

BY : AKASH PATEL (6th CSE)



FAIRY TALE...

PLACEMENT NEWS

Department of Mechanical Engineering feels proud to announce that Harsh Vyas and Prakash Beladiaya students of 8th Semester have been selected by Nirma Chemicals, Bhavnagar.

Mr. D.V. Mehta (Chairman), Prof. S.B. Jadeja (Executive Director), Mr. Prashant Mehta (CEO), Prof. V.H. Oza (Head) and all staff members congratulated them on their success.



Harsh Vyas



Prakash Beladiya