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Time to harness wind, water and the sun At Muni Seva Asharam, A Solar Farm

Renewable energies are sources of clean, inexhaustible and increasingly competitive energy. They differ from fossil fuels principally in their diversity, abundance and potential for use anywhere on the planet, but above all in that they produce neither greenhouse gases – which cause climate change – nor polluting emissions. Their costs are also falling and at a sustainable rate, whereas the general cost trend for fossil fuels is in the opposite direction in spite of their present volatility. To observe the importance of renewable resource of energy, its efficient output and source of conservation units, students of 5th and 7th Semester from the Department of Mechanical Engineering went to Muni Seva Ashram which is a Solar farm on 18th September 2018.

Muni ashram is an organization which is totally based on renewable source of energy, this individually does all its work by such an infinite source of energy, in addition, use of bio fuel increases its efficient step to gain the energy in alternative ways.

Outcome:

Students get to know about the sustainable development and different source of energy conservation and production through solar power and bio fuel. Received the information such as generation of photovoltaic and solar thermal with their applications, on the other side got the chance to visit the boiler, gasifier, VCR and VAR refrigeration system all this fundamental knowledge helped each of the students to enhance their young mind.



Feedbacks:

All such visits always help the one to get the things in practical, their function and the application on field.

These Visits gradually increase the thinking capacity of individual and to visualize the power of science and nature.



Expand your mind. Hangs your world Academic Visit at Science city, Ahmedabad

Academic visit at Science city was organized by Prof. Nidhi Chandarana accompanied by Prof. Ketan Joshi Under guidance of Prof. Gaurav Joshi on 31 August 2018. Academic visit was aimed to learn Physics as well as science experiments and experience 3D movie. Students visited Hall of space, Hall of Science, Life Science Park, Energy Park, Thrill Ride at moon and mars etc.

Students explored Space Exploration, India in space, Mission moon, Mission Mars, Solar system Interaction with all planets "The show" in hall of space. They Explored Transformation of Energy, Illusion of Mirrors, Mathematics and physics laws, Kinetic energy, Potential energy etc. in hall of science. Exploration of human anatomy and body parts Vision and working of body observed by students. Light and its reflection, and sound observation, fluidics study was analysed by students. At last they visited 3D hall and enjoyed the movie "Walking on the moon" and "TREN".

Outcome:

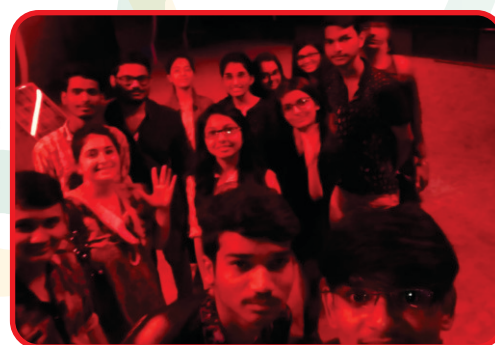
- Students were able to clear their fundamental knowledge about science and physics.
- They acquired knowledge about different life and ecosystems available in globe.
- They were able to feel the experiment by doing that on themselves.
- Long life learning



Ready to Go on Moon



Group Photo of the Visit



We are on MARS



Learning by Experience
"Working of Pulley"

The perfect reckoner needs no counting-slips. How to use Scientific Calculator

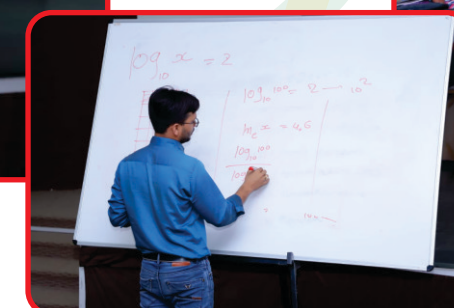
Scientific calculators are used widely in situations that require quick access to certain mathematical functions, especially those that were once looked up in mathematical tables, such as trigonometric functions or logarithms. They are also used for calculations of very large or very small numbers, as in some aspects of astronomy, physics, and chemistry.

They are very often required for math classes from the junior high school level through college, and are generally either permitted or required on many standardized tests covering math and science subjects; as a result, many are sold into educational markets to cover this demand, and some high-end models include features making it easier to translate a problem on a textbook page into calculator input, e.g. by providing a method to enter an entire problem in as it is written on the page using simple formatting tools.

The session for the proper practice of scientific calculator was conducted to teach students different tricks and tips for using scientific calculator by Prof. Nirav Mehta to the students of 1st semester as a part of Induction program on 24th July, 2018.

The session began by giving an introduction of scientific calculator and showing its applications. Then students were given few problems to solve with the use of scientific calculator. Students were able to solve very difficult problems in few seconds and learnt different functions and methods to solve lengthy problems easily and in short time.

Students learnt various new functions of calculation which normal calculator cannot provide but scientific calculator can. They learnt new easy tips to solve tricky questions. Over all the whole session of ' how to use scientific calculator ' taught a lot of new functions to the students.



Secret Wonders

Canvas Exhibition 2018

Objective: To enhance the technical skill of the students by interacting with industry delegates

B. H. Gardi College of Engineering and Technology organized "Final Year Canvas Exhibition" on 5th October, 2018 which was a combination of Technology and knowledge sharing. Total 122 student teams presented their project at project fair. We were bestowed by the esteemed presence of more than twenty industrial experts. It was a marvellous experience for students who presented the project and also for the attendees of the activity who grabbed maximum out of it. Industrial Delegates enjoyed thoroughly and shared their valuable knowledge with students and faculties.



Civil Department



CSE-IT Department (DIV-A)



Electrical Department



Industry Expert giving suggestions to students



CSE-IT Department (DIV-B)



CSE-IT Department (DIV-S)



Mechanical Department



Mr. Dhrumit Pandya, from CORELINE Consultants



EC Department



Mr. Vaibhav Patel giving suggestions to students



Students interacting with Mr. Hemant Kelaiya



Students Interacting with Dr. Vaibhav Gandhi

T.R.E.E.S. = Treat our existing ecosystem sacredly TREE PLANTATION PROGRAMME

B.H. Gardi College of Engineering and Technology is always a step ahead to save the environment. NSS (National Service Scheme) chapter from BHGCET had organized Tree Plantation on 1st August, 2018 in Gardi College's Campus under the guidance and supervision of honourable Program officer Pro. Nirav Mehta. The main goal of the whole day activity was to plant trees, increase awareness in student and also analyse their own skill. Different sort of mind storming activities were arranged by showing the video, conclusion and observation and discussion for the First-year students of the Gardi Engineering College.

Tree planting was started by the Mr. D. V. Mehta, Mr. Jay Mehta, Dr. Vaibhav Gandhi, Pro. Priyank Zaveri, Pro. Gaurav Joshi and RJ Nupur from MYFM. Then the entire first-year students plant the tree under the regulation of Prof. Nirav Mehta and NSS Volunteers.

Then the entire first-year student did the drama, mime, posters, Role-play and skit regarding the Tree Plantation with in the short time preparation and periods.



Tree plantation by
Dr. Vaibhav Gandhi, Prof. Gaurav Joshi
and Prof. Priyank Zaveri



Tree plantation by
Chairman Mr. D. V. Mehta and
Pro. Nirav Mehta



Get plugged into the management world

MBA SEM-I INDUCTION PROGRAM -2018

Induction programme is an initiative to groom the overall personality of students and make them acquainted with the culture of the institution. The Induction Programme for the students of FIRST YEAR Management was held on 10th August 2018.

The aim of the programme was to ensure that every student feels welcomed, engaged and excited to begin this new important stage in their edification. The idea was to make the students aware of their prospective opportunities and to show them the path they have adopt in order to become successful Managers.

The students were welcomed with the *Tilak* on the forehead. The programme started with the Lamp lighting ceremony followed by Gardi Anthem. Vice Chairman Mr. Kiran Shah, Director Dr. Vishal Khasgiwala delivered the inaugural address respectively where they welcomed the students and advised them with their words of wisdom.

Prof. Nilesh Aknkleshwariya informed the students about the GTU Rules and regulation. Prof. Viral Raval gave information about Gardi College. Also our placement coordinator Assistant Professor Riddhi Khara gave Glimpse of Placement and training.

Second year student organized Games like Treasure hunt, Blast the balloons and match the boxes for new faces and the first year students were enjoyed it the most. There were three rounds of the games and finally one student won the prize a book called 'Stay hungry stay foolish' by Rasmi Bansal.

The program was concluded with the vote of thanks by Assistant Professor Riddhi Khara. Then after all ceremonious events, students visited Library and understand the legacy of library and after this purpose of knowable session student departed for their scheduled session. Wonderful day was successfully completed with bunch of joy, positivity and smiling faces.





Stress free mind and Violence free society

The Art of Living is an educational and humanitarian movement engaged in following gurudev Sri Sri Ravishnakar ji's motto 'Stress free mind and violence free society' and other service initiatives. The Art of living international center is situated at Bengaluru, India. It is the largest NGO and is keeping our ancient traditions enliven. Mahashivratri is one such day when chanting and pujas take place on high note.

Along with that, Prof. Grishma Jani went there for Gurupooja Training. Gurupooja is the Sanskrit verse taken from the Shivpurana commented by Adi Shankracharyaji. Gurupooja is the sincere most prayer that doesn't seek, ask, or demand any desires; it is just about being grateful for everything that surrounds us, protects us, and directs us! It praises the stillness of divinity, adores the gurutatvta/shivatatva/super energy that is pervading everywhere, wonders about the fullness, freshness of the fully blossomed divinity that rules the all. And not just that, all should bow down to all the gurus that have ever manifested this energy!

Being a logical mind, she never believed without any scientific explanation. But learning it thoroughly, she always wondered how magnificent the Sanskrit language is. Every time you read or chant new aspects come to the understanding. Performing the Gurupooja for betterment of the society purifies the atmosphere and brings positivity around us. It adds spiritual aspect to life which is again very necessary for keeping the humanity alive.

