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Department of Civil Engineering A visit to Delhi Metro Rail Corporation

Site visit has its own importance in a career of a student who is pursuing a professional degree in Civil Engineering. It is considered as a part of college curriculum. Such visit helps to combine theoretical knowledge with practical knowledge. The Department of Civil Engineering from BHGCET, organized the visit to **Delhi Metro Rail Corporation (DMRC)** which is the world's 9th longest metro system in length and 16th largest in ridership. Prof. Lekhank Bhuvu, Prof. Kajal Dudhatra and Prof. Jay Kapadia executed the visited on 11th October 2018 under guidance of Prof. Vimal Patel.

39 students had actively participated in this visit to get fruitful knowledge about Massive underground construction and Management aspects of intelligent Rapid transit system.

Station and Museum Visit :

- Students had visited the Giant Chawri Bazar Station, which is one of the deepest stations of Delhi Metro that is 30m deep.
- Students had taken the ride of Bombardier coach, Delhi metro by observing technical terms and functions.
- Students had also taken the visit of DMRC Museum at Patel Chowk and actively observed each and every components like soil samples, TBM(tunnel boring Machine), different coaches of Metro train, Gauges of metro, advance technology of signalling devices etc. which is used in Delhi metro Project.
- Detail discussion with Mr. N. D. Khanna (Metro Authority) about advanced technical Metro Project and their construction aspects.

Outcome:

- The students were able to understand the management system of that extreme congested network of Delhi metro.
- The students learned the different aspects to construct the underground Tunnels.
- Students come to know about the Largest Metro network of the world and also intelligent traffic management system.
- The students develop the idea of Minor work and precaution required while taking up the massive projects and structures.



"Glimpse of technical visit at Metro Museum, Patel Chowk, DMRC"



Token of gratitude to Mr N. D. Khanna



"Students Group photo at Delhi Metro Museum, Patel Chowk -Delhi"



"Observation of Advanced technical functions of Bombardier Train at Delhi Metro."



"Sample Models of Different intersection and Metro Bombardier trains"

Kum. M.h. Gardi School Of Management

Shaping global leaders for tomorrow industrial visit at balaji wafers pvt. ltd.

Industrial visits are critical to the development of practical ideation and problem solving skills of management students. Many management institutes have made this activity a mandatory part of their teaching pedagogy and curriculum. And there are many reasons for the same. Kum. M. H. Gardi School of Management organized local industrial visit at Balaji Wafers which is the famous name in *namkeens* product. The students of MBA-3 and MBA-1 and MAM-5 observed the manufacturing plant and different operational process of the company. The students came to know about process of how the wafers are to be fried and their packing, dispatch and delivery of the product.

The centre point of attraction for the students was Director of Balaji wafers, esteemed Mr. Chandu Virani. The students interacted with him one to one. It is notable that currently Mr. Virani comes under the category of 1000 plus crore of highest wealth of top five wealthiest person of Rajkot region. Mr. Virani had discussed about the philosophy of the company, responsibility towards the customers, corporate social responsibility (CSR), and the principles of Indian heritage and management.

The whole credit goes to the Chairman of Gardi Vidyapith Mr. D. V. Mehta, Vice- Chairman Mr. Kiran Shah, Director Mr. Vishal Khasgiwala, and all the management professors.



Diwali Celebration @ Home for mentally retarded people

Every celebration is all about giving and sharing happiness. 'Diwali' is the most auspicious festival in India this is the time when we rejoice, rejuvenate and wish to contribute and share the happiness. Kum. M. H. Gardi School of Management, Gardividypath believes in giving back to the society, a portion of the benefits that is earned and possessed. To continue with the same spirit this time MBA Department went to Home for mentally retarded people, Rajkot-A Govt. Orphan home for mentally challenged *divyangs* on 2nd November, 2018 to celebrate the festival.

Prior to that visit MBA students collected the contribution from the Gardi campus students to purchase some soft toys; sports equipment, Gift articles, Ice cream and sweets for cherish the little angels. Home for mentally retarded people, Rajkot has more than 60 homes for mentally challenged adults and children. They are miserable because they are mentally ill as well as they are orphan too. During the visit many times it happened that the students and faculties were unable to control the emotions. Heart felt the pains and eyes filled with tears to see them and realize that the space for rehabilitation and respect both are missing in the framed social strata. These people only need acceptance, warmth and respect.



It was really a memorable day spent with them. Such kind of visits and celebrations should be frequently organized to realize the value of wealth that we have.



One Day Picnic At Datar

"Travel is more than the seeing of sights; it is a change that goes on, deep and permanent, in the ideas of living."

Travelling has a special importance to students. Many of the things they learn in textbooks can be practically understood when they visit various places. The importance of College outing includes giving students the chance to build closer bonds with their classmates, experience new environments and enjoy a day away from the classroom. Therefore, travelling has a great academic and scholastic value. It also has tremendous effect on their physical and mental health. With an objective of ice – breaking between new 1st year M.B.A students and other students, Kum. M. H. Gardi School of Management organized one day picnic at Datar Hill – Junagadh on 8th September, 2018.

30 Students from IMBA and MBA class with 6 faculties went for the picnic. The aim of the trip was to build bond between new fellow student of 1st year M.B.A students and senior students of MBA and IMBA.

Some students found it difficult to trek the hill while some were enjoying the beauty of nature and atmosphere. Along with Datar Hill students also visited Willingdon dam and then departed for Khodaldham Temple – Kagvad.

But the objective of ice breaking activity with nature and the peers was achieved.



Sermon Master - Lets polish ourselves

With the unprecedented growth of institutions in the past 2 decades across the nation, there is a significant shortage of updated and well trained faculties. This in turn poses a great challenge to the quality of education provided to the young and budding engineering students. Because of this, many educational institutions are finding it difficult to maintain their education standards, as providing state of the art infrastructure alone is not enough but having the right faculty is equally important.

Faculties have the most important role to play in shaping the engineering student's career and unarguably an institution having the best faculties who are skilled in latest technologies will top the charts in coming years. Always being the future forecaster B. H. Gardi College of Engineering and Technology professed a monthly event namely **Sermon Master – Let's polish ourselves**. This thought was given by Dr. Siddharthsinh Jadeja – Principal, BHGCET and was successfully executed on 18th December, 2018.

Sermon Master is a contest among the faculties of the departments where they were given a few topics to prepare. The topics were on non- technical subjects. Judges declared the topic of the day by picking up the chit and the contestants were there to express their views. The topic of the day was 'Domestic Violence'. Dr. Nirav Maniar – Associate Professor from VVP Engineering College, Captain Jaydev Joshi – Retired Army man, Mr. D. V. Mehta – Chairman, Gardi vidyapith were the judges for the day. The judgment was given on the different parameters of presentation skills including body language, attire and language along with the content of the topic. Faculties from the audience were also allowed to share their views on the topic but they were not the part of the competition.

The event successfully concluded with the feedback session of the judges who elaborated the idea of presentation skill. Prof. Nidhi Chandarana from the Department of Civil Engineering was the winner and declared the Sermon Master of December.

Sermon Master of January will be decided on 26th January, 2019



Mr. D. V. Mehta welcoming Dr. Nirav Maniar



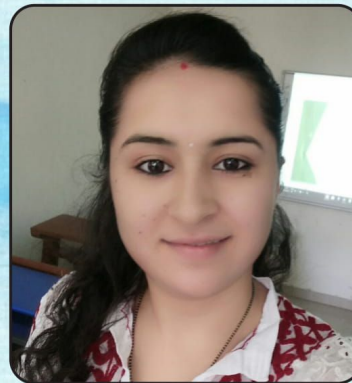
Dr. S. B. Jadeja welcoming Captain Jaydev Joshi



Prof. Pinal Rupani



Peers encouraging the participants



Sermon Master of December - Prof. Nidhi Chandarana

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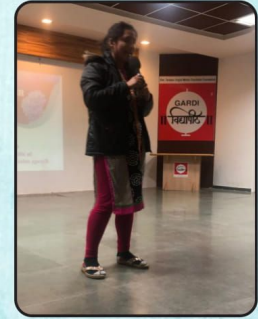
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Prof. Tarang Joshi



Prof. Ravi Thakkar



Prof. Nidhi Chandarana



Prof. Monika Shah



Prof. Aprajita Biswal



Highly Mechanized Action renews the world



Prof. V. K. Mehta participated in One Week STTP

Faculty participation in One week Short Term Training program on Design and Troubleshooting of Heat Exchangers and Air Conditioning System held on 17th December to 21st December-2018 at Darshan Institute of Engineering & Technology, Rajkot. Prof. Vijay Mehta from the Department of Mechanical Engineering attended this program.

During this STTP, several topics were covered like Thermal Design of Heat Exchanger, Special types of Industrial Heat Exchangers, Troubleshooting of Heat Exchanger and Air Conditioning System, Use of TEMA Standard in Thermal Design of Heat Exchanger and Use of HTRI Software by experts from Shree Engineers, Ahmedabad, Patel Refrigeration, Ahmedabad and Shiv Refrigeration, Rajkot. This STTP was really fruitful for skill enhancement in faculty.

STTP on Recent Trend in Mechanical Engineering

Objective:

The objective of the STTP is to impart comprehensive knowledge of recent trend in mechanical engineering and its application

Department of Mechanical Engineering of VVP Engineering had organized short term training program on "Recent trends in Mechanical Engineering". Various areas related to modern trends in mechanical engineering like central composite design for optimization through design of experiments, evolutionary algorithm, computational fluid dynamics, extending an application of IoT to metal casting, product design and life cycle, application of AI in manufacturing, industry 4.0, energy conservation and opportunities in thermal power plant, solar thermal collector, casting design and simulation were covered by renowned experts along with hand on session. Prof. Ankur Vachhani from the Department of Mechanical Engineering participated in this STTP

Feedback:

Attending this STTP was very fruitful, I got the technical knowledge about current scenario of mechanical engineering



Participating in STTP on "Recent Trend in Mechanical Engineering"



Certificate distribution to all participant

Creative Corner

Cannon – Avenue of Being

20 years,
Today, it is the time to make dreams of creating life,
Earning your skills to earn money,
To earn money, to save life.
My dear,
I will meet you after 3 years,
I will definitely take you along to love;
I will give you warmth,
The way you love;
And whatever you admire,
Yes, I am on the avenue of being.

Ashish Aghera – 'Musafir'
Department of Civil Engineering 8th sem.

Aditya Gohel



Give your new generations
a healthy nature,
not pollution.

You should nurture
the nature to get
nurtured by nature.



Aditya Gohel



Department of Civil Engineering

Responsible for better Building

Visit at Wadia Institute of Himalayan Geology, Dehradun.

The Students from the Department of Civil Engineering successfully planned the visit to Wadia Institute of Himalayan Geology, Dehradun. Prof. Lekhank Bhuvra, Prof. Kajal Dudhatra and Prof. Jay Kapadia executed the visit on 9th October, 2018 under guidance of Prof. Vimal Patel

Wadia Institute of Himalayan Geology, Dehradun is the 1st autonomous research institute for the study of Geology of the Himalaya under the Department of Science and Technology, Ministry of Science and Technology, Govt. of India. 39 students had actively participated in this visit to get fruitful knowledge about earthquake and geophysical problem at Himalaya.

Laboratory visit:

- Students had visited the Earthquake laboratory in which the study of earthquake and movement of different mountainous region of Himalayas has taken into the part of the research.
- Visual observation of real time 20 station Earthquake data.
- Students visited the S. P. Nautiyal Museum for different geological samples of Himalayan rocks and other material.
- Students also visited the Remote sensing Laboratory in which the study of Himalayan surface movement, prediction of land sliding and other earth activities are observing using remote sensing techniques.
- Detail discussion with Dr. Sushil Kumar about Earthquake and other geophysics topic was too much helpful to improve the knowledge of the students.

Outcome:

- The students were able to co-relate the earthquake theoretical concept with actual earthquake conditions and parameters.
- The students learned the geology parameter like earthquake forces which is important for design of different types of dam.
- Students came to know about the different applications of remote sensing like prediction of land sliding, earth movement in this fast and computerized world.
- The students develop the idea of Minor work and precaution required while taking up the massive projects and structures.



S.P. Nautiyal Museum,
WIHG, Dehradun



Fruitful discussion about Earthquake science
with Dr. Sushil Kumar



Department of Civil Engineering
at Wadia institute of Himalayan Geology,
Dehradun