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# The Gardi Times

EDITOR : PROF. VIRANG OZA, CO-ORDINATOR : MRS. KIRAN SUHEL SHAH

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## *Hate the disease but not the diseased!*

**M**ega Medical Camp was organized by B. H. Gardi College of Engineering and Technology NSS (National Service Scheme) on 3rd October 2017. The lamp was enlightened by Mr. D. V. Mehta - Chairman, Shree T. V. Mehta Charitable Foundation along with Mr. Kiran Shah, Vice-Chairman, Prof. Virang Oza, Dr. Vishal Soni and Prof. Vaibhav Gandhi at the opening of the camp.

Blood Donation, Free Thalassemia Test, Free Eye Check up, Blood stem cell donation and Organ donation were prescribed under this mega camp. Prior to the camp, the students was well-versed about the importance of the blood donation, stem cell donation, organ donation and Thalassemia test, videos regarding the same.





**BLOOD DONATION CAMP**

**AT 18 YOU GROW UP, AT 18 YOU DRIVE, AT 18 YOU GIVE BLOOD TO KEEP SOMEONE ALIVE...**

Blood is the most precious gift that anyone can give to another person, Blood Donation Camp was held in Ayurveda Hospital Building. A team of doctors and nurses of **FIELD MARSHAL Blood Bank** was invited for blood donation. The faculties, non teaching staff and students had enthusiastically participated in the blood donation.

Arrangements of tea, coffee and glucose biscuits were there for the blood donors. More than 100 Gardians had donated their blood in the camp.

**FREE THALASSEMIA TEST**

Thalassemia is a blood disorder passed down through families (inherited) in which the body makes an abnormal form of hemoglobin, the protein in red blood cells that carries oxygen. The disorder results in excessive destruction of red blood cells, which leads to anemia. Anemia is a disorder in which your body doesn't have enough normal, healthy red blood cells (RBC).

**Prevention is better than cure, before you get married, Check yourself for Thalassemia Test**

Under this tag line "Thalassemia Test" was also organized for first year students at Ayurvedic Hospital Building with the support of **Rotary Club of Rajkot Greater**. All the first year students were examined for Thalassemia and were addressed to be given their reports within 15 days. Approximately 163 students approached for Thalassemia test.

**FREE EYE CHECKUP**

Another initiative taken by BHGCET was Free Eye Checkup with the help of **Rotary Club of Rajkot Greater**. This free eye checkup was organznized for all the drivers of the institute.





Conti... from page 2 Hate the disease...

**ORGAN DONATION REGISTRY**

**Recycle your life, be the organ donor**

**Organ donation registry camp** was also organized at Ayurvedic Hospital Building with **Vivekanand Youth Club**. More than 100 students as well as faculties had registered themselves for the organ donation. This shows the enthusiasm of the students to save someone's life.

**STEM CELL DONATION**

Over 80 diseases and disorders can be treated with a stem cell transplant. There are hundreds of patients in India waiting for a match, but only 1 in 2 find a match. Patients are more likely to find a matching donor from within their own ethnic group.

Stem cell donation camp was also arranged at BHGCET campus with the support of **Datri Group**. In this camp, doctors taught NSS volunteers to take the saliva from the mouth for the test. Students keenly gave blood for the test. Approx 46 students took part in this camp.

Mr. Ashish Lodhiya, President Rotary Club Rajkot Grater, Mr. Paresh Kalavadia, Secretary President Rotary Club Rajkot Grater, Mr. Yesh Rathod, Presedent Elect Rotary Club Rajkot Grater, Mr. Bhavesh Vegda, Past President Rotary Club Rajkot Grater and all board members were also present to make this camp more memorable. **As all these activities were organized under NSS, this is huge achievement for the volunteers of NSS and Prof. Nirav Mehta.**





# Gardians at Sardar Sarovar Dam Narmada & I.S.R. Gandhinagar



"Beautiful Landscape Of the Dam"

The department of Civil Engineering had been credited to organize the visit to Sardar Sarovar dam as apart of Educational Enhancement since last 2 years.

In the year 2017-2018, **Prof. Vimal Patel the Head of Department of Civil Engineering** took the initiative to collaborate the Educational visit in which Department of Mechanical Engineering and Department of Electrical Engineering took part as the project involves the knowledge seedlings of these branches too. All sort of permission work had been carried out by **Prof. Nidhi Chandarana**. **Prof. Lekhank Bhuva** co-ordinated the visit for Institute of Seismological Center from the Department of Civil Engineering and collaborating with the co-ordinators from the Department of Mechanical Engineering, **Prof. Chirag Ajudiya** and **Prof. Pushparajsingh Jadeja** from the Department of Electrical Engineering under the sheltered disciplined guideline of Prof. Vimal Patel.

The scheduled date for the Department of Civil Engineering was 21st September 2017. The other

departments followed it on the next day i.e. 22nd September 2017.

The total of 100 students had actively participated in the visit of pre-final year and Final Year from Civil Department, 25 students from Mechanical department and approximately 60 students had been engrossed in the fruitful Industrial visit.

#### SITE INFORMATION

- Site 1: Sardar Sarovar Dam (Narmada)
- Address: Navagam - 382130 (Gujarat)
- Visiting Date: 21st September, 2017

#### GLIMPSES FROM THE DEPARTMENT OF CIVIL ENGINEERING

- The site visit carried out at "**Sardar Sarovar Dam, Institute of Seismological Research**" for 7th semester students under the guidance of Prof. Natasha Sagar, Prof. Rahul Parmar, Prof. Gaurav Jagad and Prof. Lekhank Bhuva.
- The Sardar Sarovar Dam is a Gravity Dam on the





Student's and faculties of Civil at Sardar Sarovar Dam - Narmada River"

Narmada river near Navagam, Gujarat in India. Four Indian states, Gujarat, Madhya Pradesh, Maharashtra and Rajasthan, receive water and electricity supplied from the dam. The foundation stone of the project was laid out by Prime Minister Jawaharlal Nehru on April 5, 1961. The project took form in 1979 as part of a development scheme to increase irrigation and produce hydroelectricity. The dam was inaugurated by Prime Minister Narendra Modi on 17 September, 2017

- The students observed the retaining wall while travelling through tunnel. The Height of dam is 163 m and active Capacity of Dam is 5800000000 m<sup>3</sup>. Spillway capacity is 84949 m<sup>3</sup>/s. The Length of Dam is 1210 m. Power station Information: there are 6 big turbines working at a time. In these turbine 6\*200 MW (Francis pump Turbine) and 5\*50 MW (Kaplan type turbine). Total Capacity of Turbines is 1450 MW. Among these, 3 turbines are reversible. It also works as pump because pump is required at the time of recycling of water so turbines also works as pump.

Engineers on duty gave all the details of process of supplying of water with help of chart. Also gave the information about which type of material is used in



construction of Dam and in how much quantity the concreting work done.

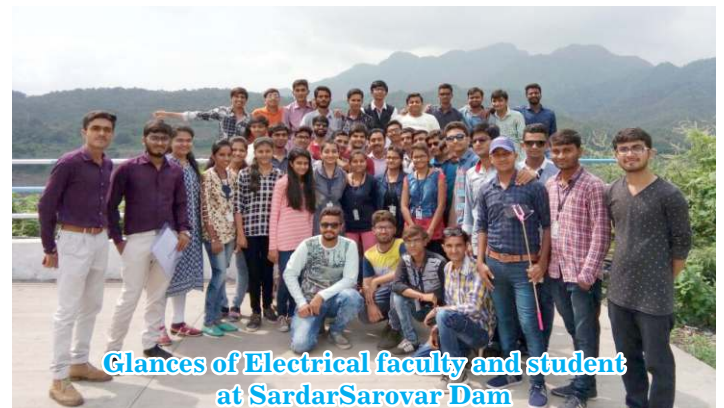
**OUTCOME**

- The students were able to drive the theoretical concept of engineering,
- The students learned the geology parameter, construction advancement techniques

The students develop the idea of Minor work and precaution required while taking up the massive projects.

**GLIMPSES OF ACTIVITY BY THE DEPARTMENT OF ELECTRICAL ENGINEERING**

- The Visit was inaugurated with basic introduction and overview of hydro plant by site engineer. They gave brief idea about the concept behind construction of dam and various requirements fulfilled by it. He also explained the rules and regulation of plant that employees are following for the better operation of the plant. Students also learnt the functional structure of GSECL (Gujarat State Electricity Corporation Limited) as the Sardar Sarovar Dam hydro project is taken care by GSECL. The students also observed the GETCO office for transmission of generated power to distant places.



Glances of Electrical faculty and student at Sardar Sarovar Dam





**Data of Main Canal of the Dam**

• Later, the students were taken inside the tunnel for observing turbines & control room. Inside the tunnel there are six turbine-generator set for production of electricity. The canal structure for irrigation point of view was also explained by them. Students were informed about the distribution of generated electricity between states like Gujarat, Maharashtra & Madhya Pradesh. Being from the electrical engineering, students showed more interest in control room. They learnt the control of all the turbine-generator set along with their protection. They also discuss various abnormal



**View of Reservoir of Narmada Canal**

conditions that plant operator has to face for keeping the plant in safe operating mode.

Followed by Control room students were taken to dam site where they saw the construction of dam and canal gates. It was very interesting for students because now the dam has reached to its **full height of 163 m**. Students also visited the canal and reservoir site.

**OUTCOME**

Developed the idea of working in arena of **GSECL (Gujarat State Electricity Corporation Limited)** as the **SardarSarovar Dam hydro project** is taken care by **GSECL**. Also visited the **GETCO** office for transmission of generated power to distant places.

**GLIMPSES OF ACTIVITY OF MECHANICAL DEPARTMENT**

The Department of Mechanical Engineering visited the Sarovar Dam which is having capacity of 5th largest hydro power plant in India on 21st September, 2017. The largest dam and part of the Narmada Valley Project, a large hydraulic engineering project concerning the



construction of a series of large irrigation and hydro electric multi-purpose dams on the Narmada River. It is also ornamented by saying of our Honourable PM Narendra Modi as "**SardarSarovar Dam will be dedicated to the nation. This project will benefit laces of farmers & help to fulfill people's aspirations**" The curious group of **25 students** visited this gigantic hydro





power plant and interacted with the engineers working over there. As per interaction, the plant is working for both crucial applications: Power generation and Irrigation. Students fulfilled the curiosity regarding dam construction and plant design by observing it in the engineering sense.

**OUTCOME**

- The student develop the ideas of turbine design.
- The student develops the idea of pumping station design required near the dam.



**Sardar Sarovar Hydro Power Plant**

**Location:** Navagam, Gujarat

**Capacity:** 1450 MW

**States:** Madhya Pradesh, Maharashtra, Gujarat, Rajasthan

**Specifications:** 200x6 MW (Francis turbine), 50x5 MW (Kaplan Turbine)

**TRIP AT INSTITUTE OF SEISMOLOGICAL RESEARCH**

The visit had been organized by **Prof. Lekhank Bhuvra to ISR Gandhinagar** to enrich the student's regarding natural disaster Earthquake. The Institute of seismological research is located at Gandhinagar, near Pandit Dindayal Petroleum University- PD.PU. ISR Gandhinagar is working for analysis, situation controlling and preventive measures of earthquake. In Gujarat, there is a major geological fault line passing through Kutch, Gujarat, which is the epicenter of earthquake in Gujarat.

There are various laboratories known as O.S.L. (optical stimulated luminance) and MASW.

There are two data can achieve by earthquake are wave and sound. Sound of earthquake is not much important for analyzing the earthquake. Waves generated and transferred and travelled through upper most surfaces are more useful for earthquake study. MASW is used for groundwater position and resources below ground. It uses frequency of waves. Relay waves travels on surface so it is known as surface waves.

There are two type of stations located on Gujarat for to

place sensors to find earthquake information are as below:

- BBS station
- SMA station

**OUTCOME**

- Developed the ideas of measuring earthquake instrument.
- Developed the idea of different earthquake measuring parameter.
- Developed the idea of earthquake measuring stations at Gujarat.
- Developed the idea of Fault Line passing through Gujarat.
- Developed the idea of Role of Civil Engineering in geotechnical Investigations.

**Visit of 22nd September, 2017**

**PROBLEM IDENTIFY BY STUDENTS**

**AT I.S.R. GANDHINAGAR**



**A glance of Faculty and students of Civil at ISR Gandhinagar- Enriched Visit**

I.S.R. Gandhinagar is well known institute for seismic research. It provides information in a very depth part of seismology. Due to that knowledge of execution of technology with seismic science can be improved. Measuring earthquakes and related technology is also up to mark to detect earthquake even abroad India. It is difficult to develop prevent mechanism for earthquake and to build an earthquake proof structure.



**Presenting Token of Love in form of gratitude**





SUCCESS IS NO ACCIDENT

The Gardi Times

# Placement News : 2018 Batch (CE/IT/MCA/EC Department)



**BANSI KATHIRIYA**

Game Design  
(IT)

Yudiz Solutions Pvt. Ltd



**RAHUL MAKWANA**

Project Trainee  
(IT)

Kaushalam Digital Pvt. Ltd.



**RAHUL KACHHADIYA**

Game Development  
(IT)

Yudiz Solutions Pvt. Ltd



**DIPSHA KALARIA**

Project Trainee  
(IT)

Kaushalam Digital Pvt. Ltd.



**YASH BHAVSAR**

Java Developer  
(CE)

Yudiz Solutions Pvt. Ltd



**HIRAL THANKI**

Project Trainee  
(CE)

Kaushalam Digital Pvt. Ltd.



**YASH SAMPAT**

Trainee Software Developer  
(CE)

Letsnurture



**VAIBHAVI RANA**

Project Trainee  
(CE)

Kaushalam Digital Pvt. Ltd.



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**PRITI MALL**

Project Trainee  
(CE)

Kaushalam Digital Pvt. Ltd.



**NEHAL SEVARA**

Trainee Software Developer  
(MCA)

Cybercom Creation



**PRIYANK MOTIVARAS**

Project Trainee  
(CE)

Kaushalam Digital Pvt. Ltd.



**SEJAL TRIVEDI**

Trainee Engineer  
(IT)

Trellissoft Engineering  
Services Pvt. Ltd.



**RATHOD KISHAN**

Trainee Web Developer  
(MCA)

Kaushalam Digital Pvt. Ltd.



**PARTH KHATSURIA**

Project trainee  
(EC)

I-Link Infotech  
Consultants Pvt. Ltd.



**AAKANKSHA JANI**

Trainee Software Developer  
(MCA)

Cybercom Creation



**PARESH KHORASHIYA**

Game Developer  
(MCA)

Qtonz





# Workshop on Tools and Technologies used in SEO by the IT Companies

Every student would like to experience the tools and techniques which are used in the IT companies. The MCA department tried to help the students to fulfill their expectation and co-relates it with the subject **Search Engine Techniques** which is part of MCA 5th semester. Prof. Maulik Borsaniya had taken a workshop on Tools of SET dated 9th Sep, 2017.



In this workshop students had learnt how to implement techniques of search engine with tools which was used in the IT companies and students also learnt how to implement that tools and technique in real websites and how it can be implemented in their final year project too.

## MCA Batch (2016-2018) Top 3 of MCA 4th Semester

Warmest congratulations to our students for achieving outstanding result in academic year 2016-2018.

Rank - 1



**PATOLIYA DHAIVAL  
PARSHOTAMBHAI**  
SPI - 8.57

Rank - 2



**GEDIYA TINKALBEN  
MUKESHBHAI**  
SPI : 8.20

Rank - 3



**DANGAR DIVYESH  
RAJSHIBHAI**  
SPI : 8.20



**SHINGADIYA SUBHASH  
RAMSHIBHAI**  
SPI : 8.07



# Poster Presentation

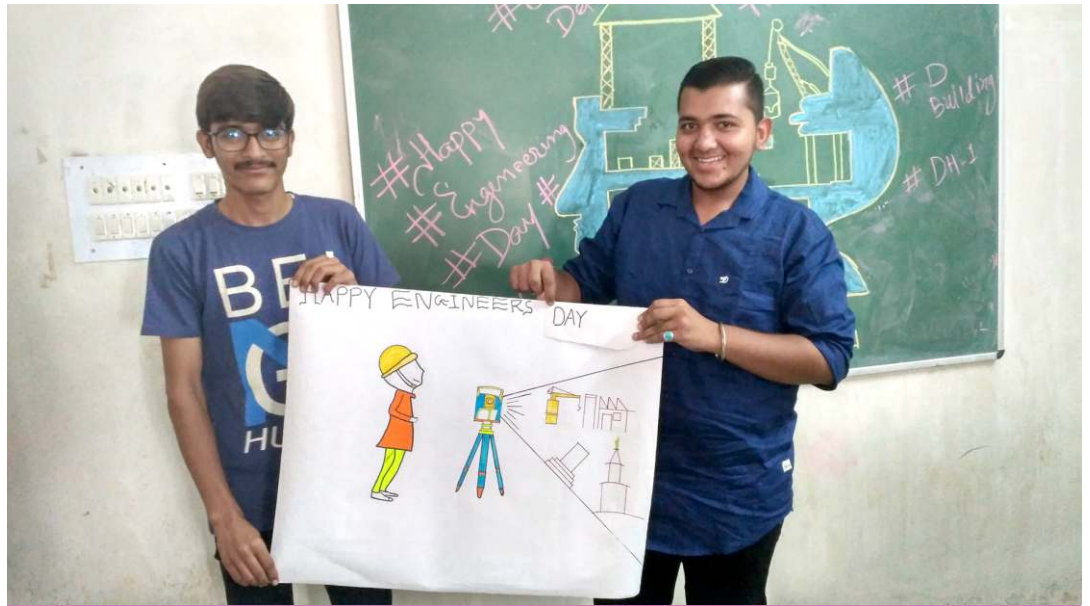
**Name off faculty coordinator:**  
Prof. Nidhi Chandrana, Prof. Lekhank Bhuva

**Name of student coordinator:**  
Priyanka Mehta

**No of Attendance:** 20

**AIM**

- To give tribute to the greatest Indian Engineer **B h a r a t R a t n a M o k s h a g u n d a m Visvesvaraya.**
- To make students aware regarding Engineers' Strength
- To make their Creative mind more active



We are upgraded with Technology



Strength of Civil Engineering

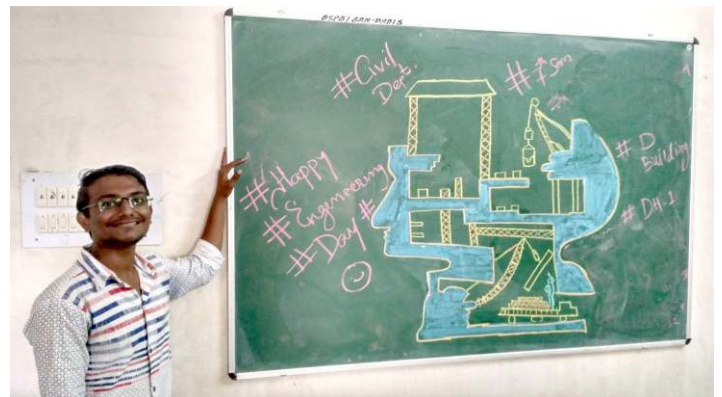
Initiation was taken by the Department of Civil Engineering for 3rd, 5th, 7th semester student, Department of Civil Engineering always seeking for Development of mental manner as an Engineer.

Subject of Poster Presentation was "Strength of Engineer". Different poster was prepared by students on fabulous topics like "History", "Strength of Civil Engineering", "Multidisciplinary approach" etc.

Freedom were given to all students to use different props, Students utilize board as platform and pasted their creativity of mind.

As a Part of that successful

event all student exhibited their creativity according to their thinking and also showed multidisciplinary skills and strength of Engineers.



Working of Civil Engineer's mind



Preparing for a plan







# Teachers Day Celebration

Name Of faculty coordinator: Prof. Nidhi Chandrana, Prof. Lekhank Bhuva, Prof. Gaurav Jagad

Name of student coordinator: Axita Sojitra, Bhargav Rupareliya

**AIM**

- To give tribute to the Teachers.
- Show them Importance of Teachers
- To make them Creative in field of Teaching

**CONTENT**

Initiation was taken for the Department of Civil Engineering For 3rd, 5th, 7th sem semester student, Day lead by motivational speech by faculties and Great video of Ideal Teacher "Chanakya".

Rest day was conducted by Student Teacher. Time table



Video on Great Teacher "Chanakya"

students, at the end of day as a part of motivation 3 best students were Identified, special reward was given to them, all the student teacher were appreciated in different ways.

**OUTCOME**

As a Part of that successful event student Teacher exhibited their creativity in teaching learning methodology and made the day successful.



Inspiration Speech

was prepared based on willingness of student teacher. Whole day Teaching learning Process was conducted by



Involvement of Students



Teaching learning Methodology



# Teachers Day Celebration (EC)

The Department of Electronics and Communication engineering celebrated teacher's day to honor the second president of India, well-known academic philosopher, Dr. Sarvepalli Radhakrishnan. India celebrates his birthday, on 5th September, as teacher's day to pay tribute to this legendary personality.

The theme of the day was "Importance of Teacher in our Life". There was one hour celebration for first hour in the morning and then after regular teaching was followed. Few motivational videos suitable to this noble occasion were shared among the teachers and students. One surprise activity of writing their favorite teacher's name on the board was also organized by 5th semester student. Thus how student



remembered their teachers on this special day.

At last students thanked their faculties by presenting them small gift and photo of Swami Vivekanand.





# Recruiter's Testimonial

**Mrs. Barkha Dave**

Manager HR, TrellisSoft Inc.

"I congratulate the college for being its nicest kind always! Well, it is good to believe that our University Experience surely shapes our career and who we are and who we will become. Creating an educational system where only one type of learning is preferred is absurd which is not only unfair but it sacrifices the god given ability of students. B.H Gardi seemed to have focused on nurturing the actual abilities of students which somehow seized my attention and partnered with them for our Campus Placements and Hiring. My Opinion for the College and for All My Beloved Students:- New Emergence of Technology will never rest!! It will never come to an end. And now, for us to keep ourselves updated and up to the industry standards of engineering we have to look floppy disks. Industry standards are very different than what you teach in the college in the 1st few semesters. It is now us together, who will have to help our students find ways. Certain things in our education system may take the time to change but the time doesn't stop."



**Ms. Kinjal Shah**

HR Director, Biztech IT Consultancy Pvt. Ltd.

"Our placement experience with B.H. Gardi College has been very good. We have always got very encouraging response from the students and got all the necessary support from Mr. Rooshabh Kothari, the placement coordinator. All the students hired from B.H.Gardi College have been real assets for Biztech. They are well trained in their respective disciplines and have been very professional in their approach to work. They are also very positive in following company policies and have the eagerness to learn and grow in their career. It would be our pleasure to hire more students from B.H.Gardi College in future."



## Students Achievement

**Meet Sanghvi**

Student from the Department of Electronics and Communication - 7th semester had secured 3rd position in Table Tennis Single in "Khel Mahakumbh", organized by Government of Gujarat at Jamnagar on 29th December, 2016.



**Meet Sanghvi**

**Sagar Chauhan**



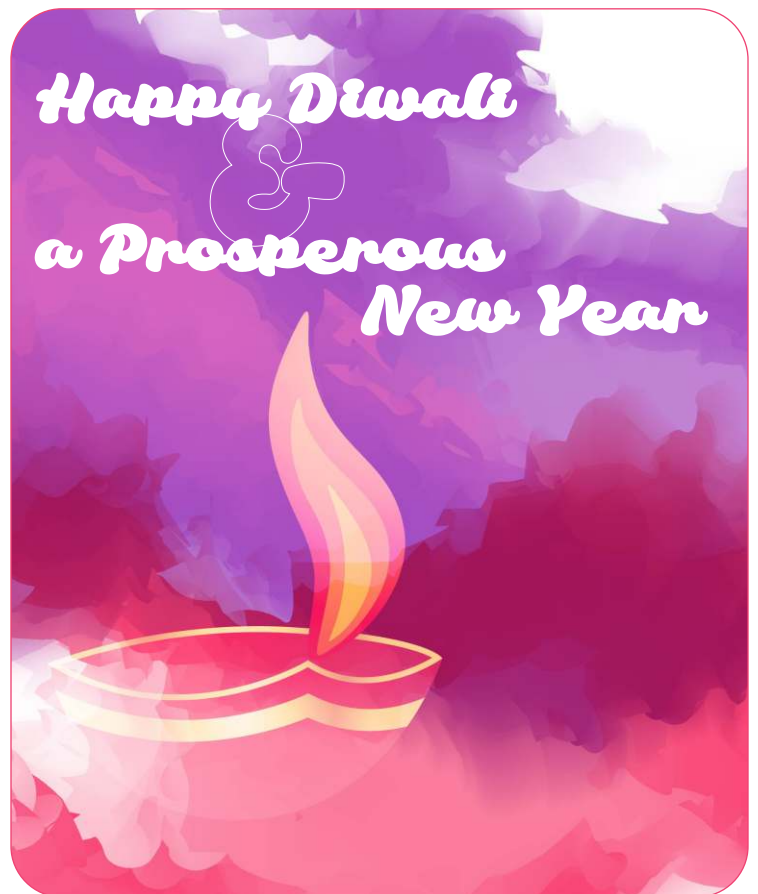
**Sagar Chauhan**

Student from the Department of Electronics and Communication - 7th semester had Completed INDIAN ARMY training at Movadi Headquarter, Rajkot from 1st May 2017 to 15th June 2017. The training consists of the following details:

First 30 Days : Written exam & physical training

Last 15 Days : Technical Training

Physical Training included Running, Racho chad, monku rope optical, High Jump, long jump with working.





# Management Seminar

**Date:** 4th August, 2017

**Venue:** Rajkot Engineering Association Hall, Bhaktinagar Industrial estate.

**Time:** 4.p.m to 6.p.m

**Organized by:** DivyaBhaskar under Knowledge series

**Conducted by:** N.Raghuraman, A keynote speaker, Editor of DainikBhaskar, Mumbai as well as writer, a poet and a journalist.



The seminar was conducted on 4th August, 2017 by N.Raghuraman on the topic "**The Definition of**

**goodness is changing**". The quality of being morally good or virtuous. 'A belief in the basic goodness of mankind'.

23 students including MBA and I-MBA of M.H.Gardi school of management participated in the seminar. From the faculty Mr. Maulik Chauhan joined them. Bus facility was provided to all the members taking part in the seminar from Gardi College to the venue of seminar.

**The seminar started with the speech on Dr. A.P.J Abdul Kalam:**

- Mission Of Education
- When learning is purposeful, creativity blossoms,
- When creativity blossoms, thinking emanates,
- When thinking emanates, knowledge is fully lit,
- When knowledge is lit, economy flourishes.

- A P J Abdul Kalam

**N.Raghuramn** shared a story of Abdul Kalam. A story



on his kindness. Good things and behavior is known by everyone but in reality whether these things are implemented by people or not.

**5 premium qualities must for Peaceful Mindset:**

1. Who uphold values
2. Creative mindset
3. Simple person
4. Leadership quality

5. Happy person.

**There were 5 baskets. Each basket contains certain qualities which a person possesses:**

(1) Basket 1- Goodness basket

(2)Basket 2- Opinion less basket

(3)Basket 3- Simplicity basket

(4)Basket 4- Anger less basket

(5)Basket 5- Clean soul basket

**The summary of these baskets includes:**

(1)Basket 1- Goodness basket- it enhances the value system.

(2) Basket 2- Opinion less basket- it helps you to increase creativity as you are not judging someone, freedom of thinking

(3) Basket 3- Simplicity basket- It teaches you simplicity so it reduces complication.

(4)Basket 4- Anger less basket- It develops leadership.

(5)Basket 5- Clean soul basket- It generates happiness.

At the end of the seminar, students with Faculty member handed over a token of gratitude to N.Raghuraman sir.