

Sarjak

The creator's column

Issue – 03, February 2016



Vision:

The vision of the department is to become a premier provider of excellent civil engineering education and to produce ethical, innovator and integrated technocrats who care for nature along with the development of society.

MESSAGE FROM THE DEPARTMENT

Civil Engineering department educates, graduates with strong basic and advance technical knowledge of all civil engineering concepts. Inculcate positive and humanistic attitude amongst the graduates being the futuristic assets of the global community and develop good leadership qualities. Encourage industry – institute – interaction activities for enhancing research, entrepreneurship and placement opportunities. Serve the construction industry; civil engineering profession and rural community through dissemination of knowledge and technical services.

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EXPERT SESSION AND LAB VISIT BY DR. G.R.REDDY

Expert session on structural and seismic engineering was conducted by **Dr. G.R.Reddy, Professor and Head of structural and seismic engineering section of Bhabha Atomic Research Center (BARC)**, on Saturday 6th February, 2016. This expert session fell directly under the patron ship of ACI India student chapter. Expert guest was invited by Dr. Chirag Patel, Professor, Civil Engineering department. After the session, Dr. G.R.Reddy took a small visit to Laboratory of Seismic engineering, Geotechnical Engineering and Material Science and Testing of civil engineering department.



Expert session by Dr. G.R.Reddy, Prof. and Head of structural and seismic engineering section of Bhabha Atomic Research Center (BARC), Mumbai





Laboratory visit by Dr. G.R.Reddy

A SEMINAR ON CAREER GUIDANCE FOR ABROAD STUDIES BY ENDEAVOR ACADEMY.

A seminar on career guidance for abroad studies for engineering under graduate students was conducted on 11th of February 2016 at P.G.Building seminar hall, MEFGI campus. The seminar was conducted by Dr. Ajit Singh, technical head of Endeavor academy. The purpose to arrange this seminar was to provide acute guidance regarding career opportunities in foreign countries. The event was successfully managed by dignitaries of civil engineering department, Dr. Siddharth Shah, Dr. Yogesh Shah, Dr. Chirag Patel, Prof. Ankur Bhogayata, Prof. Tarak Vora.



Photographs of ongoing seminar

EXPERT SESSION BY MR. ROHIT PANDYA.

Expert session on concrete scenario and civil engineering, was conducted by Mr. Rohit Pandya, Gujarat cement technical head, Aditya Birla group of industries. Ultra tech cement industry is one of the most flourished cement company of India. Under the guidelines of ACI (American Concrete Institute), Ultratech cement industry has taken a very good initiative to motivate young and aspiring minds of civil engineers to take interest in this vast field of concrete.



Photograph of ongoing seminar

INDUSTRIAL VISIT AT ULTRATECH R.M.C. PLANT, RAJKOT

Student of B.E. sem 4 visited ultratech, R.M.C. plant, Rajkot on 09th February, 2016. The purpose of the visit was to inculcate the knowledge of Concrete Technology. The visit was arranged by Prof. Tarak Vora, associate professor and head of civil engineering department, MEFGI.



Glimpses of students and staff members visited to ultra tech R.M.C. Plant, Rajkot

INDUSTRIAL VISIT AT Highbond Cement Industry, Rajkot

Students of B.E. sem 6 visited Highbond cement industry, Rajkot on 10th February, 2016. The visit was arranged by Mr. Keyur Kanani, Teaching Assistant of civil engineering department, MEFGI.

STUDENT SYNERGY

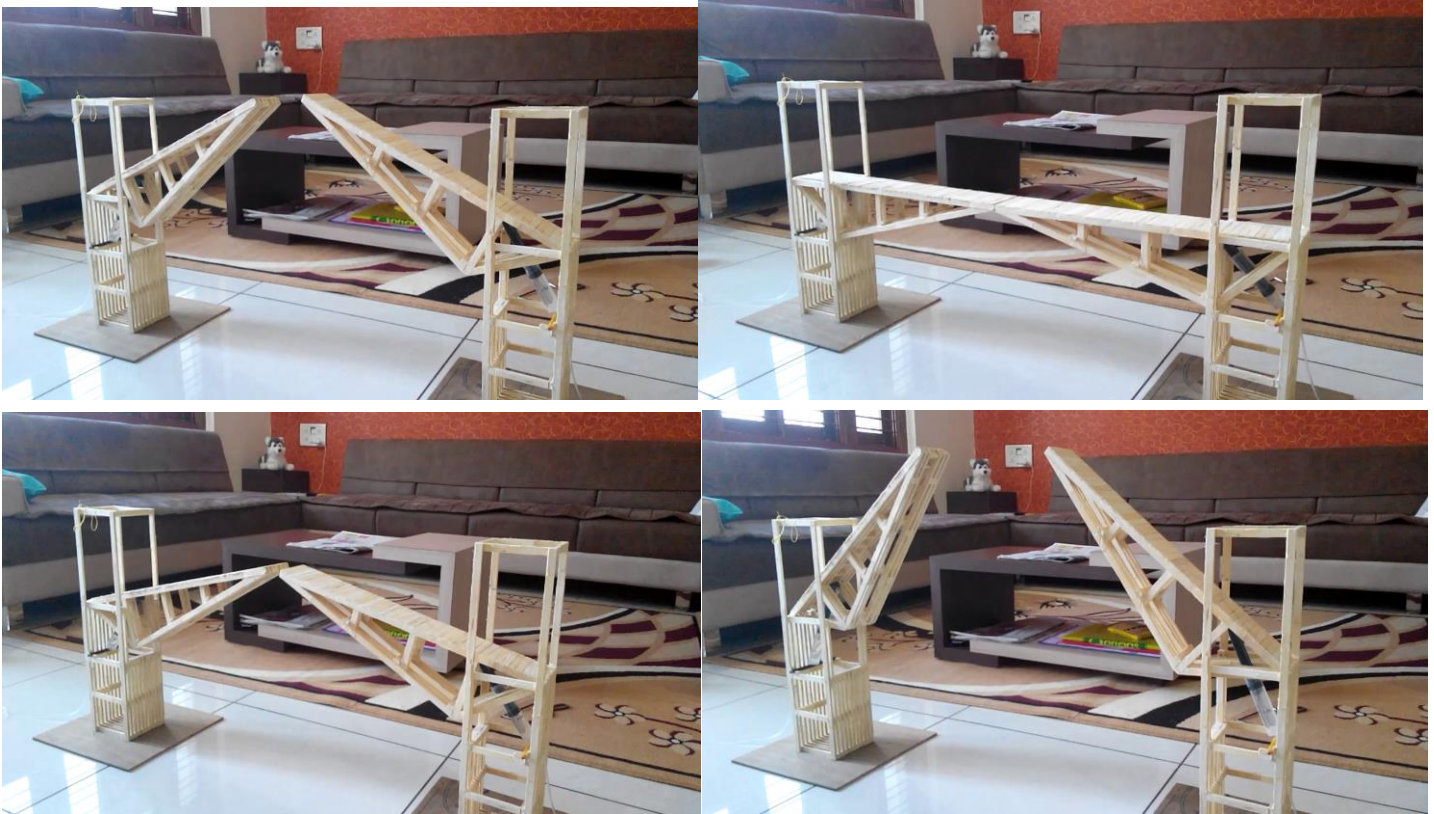
Student of B.E. civil engineering department successfully completed the construction of Longest, tallest suspension bridge made up of sustainable construction material viz. Waste paper, card boards, sugar, Maida flour, manila rope and bamboo stacks. Bridge is having a length of 12.5 m, Deck width 1.2 m and height 3.15 m. The quantity of material used in construction of this bridge includes the following; Waste paper 600kg, Maida flour 25kg, Manila rope 70 kg (6mm diameter), number of bamboo stacks 56 (Each of length 1.5 m), cotton ropes of 1.3inch diameter and 24 m length. Waste papers was used as a base material for construction of piers, decks and bracings. The paste of Maida flour and sugar was used as a binding material. Cotton ropes were used as a main cable and manila ropes were used as stringers. The project was successfully accomplished by B.E. Civil Engineering students namely, **Jay Joshi, Divyesh Gajera, Mahek H. Goswami, Rahul N. Bhadeshiya, Parshva H. Sanghvi, Vasant J. Tank, Mayank B. Gohel, Hemali j. Vaghela, Prapti Ganatra, Kishan Batavia, Mehul Moury** under the proficient guidance of **Prof. Tarak Vora** and **Prof. Mazhar Dhankot**.

This bridge is one of its kind and has been kept for proposal in the Guinness book of world record for approval as the longest suspension bridge made up of sustainable material.



Glimpses of suspension bridge along with the team of civil engineering students.

Bascule Bridge, made up of popsicle sticks was prepared by Mr. Arjun Gajera 6th FOT, Civil Engineering student, to be demonstrated at M.S.University Vadodara.



Working Bridge made by Arjun Gajera.

GTU TECHNOLOGY FESTIVAL 2016

The Technology Festival, “Enjoy Engineering” was celebrated on a tremendous scale by Marwadi Education Foundation, Rajkot on 26th and 27th of February. Numbers of participant took part in this technology festival in these two days and made this event a grand success. In this festival there were twelve civil engineering events of which seven were technical and five were non-technical respectively. The technical events included the following: Brain storm, Sand sandwich, Way upon valley, Model O Making, Shivering structures, Aavas and Disaster mitigation management. Non Tech events included the following: IPL auction, Mini Militia, Super over, see saw and treasure hunt. Students from round the corners of Gujarat actively participated in all of the above events.



Glimpses of GTU
Techfest, MEFGI,
Rajkot

FACULTY CONTRIBUTION:

A technical paper on “Statistical Approach for Renewable Energy Resources by FACTOR analysis” was published by prof. Ashish Makwana, Assistant Professor, Civil Engineering Department in 5th international conference on competency building strategies in business and technology for sustainable development, Tamil Nadu.

CAMPUS PLACEMENT

A following students successfully placed themselves in renowned organizations.

CIVIL ENGINEERING YEAR: 2015-16					
PLACED STUDENT LIST					
Sr. No	Enrollment No.	Student Name	Class	Company	Package per annum
1	120970106002	Hardik Anilbhai Panchasara	8 th TF-1	VANDEMATRAM Pvt. Ltd. Ahmedabad.	1.2 lac
2	120970106057	Kishan Saija	8 th TF-1	VANDEMATRAM Pvt. Ltd. Ahmedabad.	1.2 lac
3	120570106505	Dharam Krishnakant Unadkat	8 th EF-2	VANDEMATRAM Pvt. Ltd. Ahmedabad.	1.2 lac
4	120570106503	Ankit Patadia	8 th EF-2	MSFL, Rajkot.	1.75 lac
5	110570106010	Luv Amitbhai Mehta	8 th EF-1	RK Associate, Rajkot.	1.44 lac

EDITORS PORTAL



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