

NEWS BULLETIN

DEPARTMENT OF CIVIL ENGINEERING

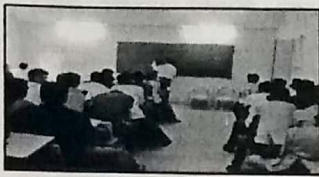
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Editorial

Department of Civil Engineering is glad to present the sixth issue of News Bulletin. Every department has its long term & short term goals & its evaluation system. This Bulletin is meant to describe & evaluate success & failures of work carried in previous term.

Also we wish department would make progress in the coming semester. With this we greet all our readers for the new academic year.

CIVIL ENGINEERING STUDENTS IN THE MUMBAI UNIVERSITY MERIT LIST

In today's scenario, we need to maintain quality education along with the overall development. Transparency is important for our working so as to retain quality of education. Maintaining that we bring forward the half yearly detailed report of all the activities that has taken place in the department.

The department is dedicated to imparting quality education to its students and bringing out good Civil Engineers. The Students are given both theoretical and practical knowledge so that their basic concept is clear and the result of these efforts are shown. Four of the Civil Engineering Students have brought great laurels to the institute by securing positions in the merit list.



Ajit Kantelia 5th rank



Hardik Shah 7th rank



Nikhil Parab 8th rank



Avinash Inqulkar 9th rank

Teacher's Day:

Teacher's day was celebrated in the department in a different way. The B.E. students were acting as faculty and took lectures of S.E. and T.E. The best acting faculty Ms. Asmita Wagh was awarded with certificate of appreciation. It was an effort to develop the teacher student interaction.

Research & Development

Advanced /Innovative Final Year Projects 2011-12:

The Final year projects of B.E. students are research and live projects with different organizations to give them the latest developments in the field of Civil Engineering.

- **Advanced Construction Techniques used in the Construction of Sahar Elevated Access Cantilever Bridge** under guidance of Mr. D.T.Patil
Objective: Study of advanced techniques at Sahar International Airport is being done.
- **Redevelopment of Residential Buildings** under guidance of Mrs. M. B. Jamgade.
Objective: Repairs of residential buildings is done under Dhargalkar Technoosis Pvt. Ltd.
- **Alternate and Low Construction Materials** under guidance Mrs. M. B. Jamgade.
Objective: Study of various alternatives available of building materials to make construction low cost.
- **Township Planning and Transportation** under guidance of Mr. D.T.Patil.
Objective: Planning of Water Harvesting Tank, Provision of Solar Panel and Planning of underground Parking System.
- **Retrofitting of RCC structure** under guidance of Mrs. Roshni John.
Objective: Special emphasis on new techniques of retrofitting of structures..
- **Low Cost Housing** under guidance of Mrs. S.P.Kewate.
Objective: Comparison of different types of materials for affordable and economic housing.
- **Strengthening of Column using FRPC** under the guidance of Mr. D.T.Patil.
Objective: Study of FRPC properties and its use for strengthening purposes.
- **Construction of Bridges and Skywalk** under the guidance of Mrs. R.John.

Objective: Designing & planning of various parts of bridges and skywalk.

- **Planning & Design of Environmental Township** under the guidance of Mrs. M. B. Jamgade.
Objective: Step by step planning and construction techniques and procedures applied during town construction
- **Construction of Arey Road** under the guidance of Mrs. M.Sinha
Objective: Study of Traffic volume and construction of Road.
- **Precast Concrete** under the guidance of Mrs. M. B. Jamgade.
Objective: Designing of ROB at Panvel Highway.
- **Planning of Commercial building (Hospital)** under the guidance of Mrs.P. D.Somani
- **Earthquake Resistant Structure** under the guidance of Mrs. M.Sinha
Objective: Study of Earthquake and analysis in StaadPro.
- **Project Managemnt of ROB Bridge at Panvel** under the guidance of Mrs. V.Phad.
Objective: Planning of ROB with J.M.Mhatre Infra Pvt.Ltd.
- **Fly-Ash Brick** under the guidance of Mrs.P. D.Somani.
Objective: Study of properties of flyash.
- **Design & Analysis of Multistorey Residential Building using 'E-TAB'** under the guidance of Mrs. V.Phad.
Objective: Designing and analysis of different parts of building.
- **Strengthening of Column with Pretentioned FRP composite** under the guidance of Mr. D.T.Patil.
Objective: Expermintal Study of properties of FRP composites and its use in strengthening
- **Construction & Planning of High Rise Buildings** under the guidance of Mrs. S.P.Kewate

Objective: Planning of high rise buildings with Ultra Space Developers, Bandra.

- **Elevated Storage Reservoir** under the guidance of Mrs. V. Phad

Objective: Planning and design of storage reservoir at Kamothe node, Navi Mumbai.

Engineers Day:

The day was celebrated in the Department on 16th September 2011 with serenity and respect. The entire event was organized by Students to commemorate the birthday of Bharat Ratna awardee Sir M Visvesvaraya. On this Day CESA organized an Expert Lecture on "Repair & Rehabilitation of RCC Structures" by Dr. Gopal Rai(CEO R&M International). The students in the merit list were awarded with cash prize .

Inauguration of CESA- 2012:

The Department encourages extracurricular activities like Art Carnivals, Cultural etc.



CESA Inauguration

For this Students Organization, CESA - 2011 has been established which conducts various activities every year . This year CESA has been inaugurated on 16th September 2011 . Technical and Cultural events are organized by CESA to bring out the students hidden talents.

Fresher's Day:

To welcome the new entrants to the Second year of Civil Engineering

Department, Fresher's Party was arranged by CESA 16th September 2011. The faculties also welcomed the new students and motivated them to infuse and explore their hidden potentials with greater zeal and enthusiasm in this learning process. Fresher's party was embedded with various events such as- Technical Quiz Competition, Ramp walk, instrumental, dances, songs and many others.



Umesh Panchal was entitled Mr Fresher and Nitika Kumari was entitled Ms Fresher. The event was enthralling and relished by each one present. The party ended with DJ and a lunch shared by all.



Ramp Walk

Orientation Programme for Final Year Students:

Orientation Programme has been arranged for final year Students on 18th August, 2011. The main objective of this program is focusing on proper selection of final year Project. Mr. Anant Karveer (Retd., CE CIDCO), was the expert speaker on the occasion.



The students were acquainted with the various ongoing projects in Mumbai, where they can work for their curriculum project. He also explained about the new and upcoming trends and technologies. Further he helped students in finalizing their project topics. Students were greatly benefitted as Mr. Karweer resolved various queries raised by students.

Ganpati Festival :

Ganpati Festival was celebrated in College on 1st September 2011. Students marked the day by making it a traditional day for one and all.



Ganapati festival

Charity Work:

The department in addition to providing technical knowledge also encourages students to do social activities and brings them closer to our society and contributes in making them good human beings. Charity event was organized in the reminiscence of Late Prof. R.B.Rathi in favour of 'Jan Vikas Society, Koparkhairane, Navi Mumbai on 29th & 30th September 2011. Charity was in form of food, clothes, stationary, toys and money. It got an overwhelming response from the students and faculties of this institute.



Charity

Students Performance

Academics:

For the Even semester of 2010-2011 students have done excessively well in the university exams. A brief outline of overall university results for odd semester is mentioned here:

- Mr. Sukrut Rege secured 1st position in VIth Semester.
- Mr. Digvijay Lokhande secured 2nd position in VIth Semester.
- Ms. Neha Kolate secured 1st position in IVth Semester.
- Mr. Dhananjay Chikhalekar secured 2nd position in IVth semester.

Sports:

The following students have got the certificate of participation in National Level Inter-Engineering Sports Meet SUMMIT11 held at MIT, Pune during 28th Sep. to 2nd Oct., 2011.

Ashok Kumar Kaushal, Shirish Deshpande, Anand Mahanur and Sunil Shrivastava.

Events planned (Jan - Jun 2012):

- Inter-collegiate Paper Presentation for Civil Engineering Students.
- Annual Function - CESA.
- Project Model competition.
- One Day Workshop on 'Recent Trends in Concrete Technology'.
- Farewell for Final Year Students.