



NEWS BULLETIN

DEPARTMENT OF CIVIL ENGINEERING

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Editorial

Department of Civil Engineering is glad to present the third 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.

With the growing demand for technical education as well as number & type of providers, we are increasingly concerned about the maintenance & quality of education. Transparency is important for our working so as to retain quality of education. Maintaining that we bring forward the detailed report of all the activities that has taken place in the department during the last 6 months.

STTP on 'Analysis & Design of Earthquake Resistant Structures:

Department of Civil Engineering had organized an ISTE approved STTP on Analysis & Design of Earthquake Resistant Structures from 5th Jan to 9th Jan 2010. STTP witnessed participation of 60 delegates which included teaching fraternity from various technical institutes from all over Maharashtra & also practicing Engineers from CIDCO, MMRDA and MAHADA.

STTP was inaugurated by Dr. G. R.Reddy – Sr. Scientist from BARC. Later he also delivered the special address on the occasion. Dr. R.S. Jangid (IIT Mumbai), Prof. S. K. Joshi (Director SES), Dr. J. G. Kori (Principal SCOE), Dr. G. Mohan (IIT Mumbai), Dr. Tanuja Bandiwadikar (RCOE Mumbai), Prof. V. B. Patil (IIT Mumbai), Dr. Mahua Chakrabarti (RCOE Mumbai), Dr. R. K. Ingle (VNIT Nagpur) were the eminent speakers for the STTP.

On the last day all the delegates were delighted to receive training on such a important topic. Also they expressed that the knowledge of recent amendments & developments in building By-Laws of Corporations & IS Codes of practice for earthquake resistant design is a must for every Engineering Graduates.



Dignitaries of Inaugural Function



Participants of STTP

Certificate Course on 'Construction Practices':

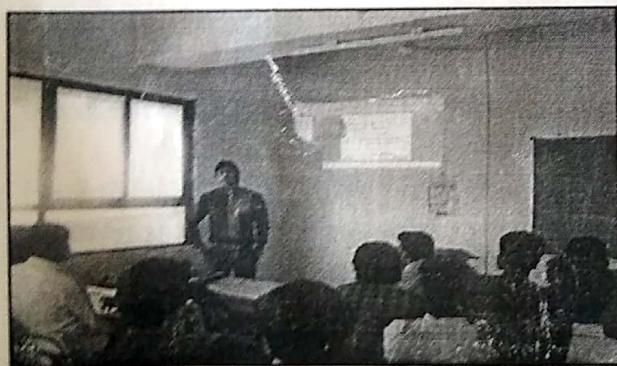
A certificate course on Construction Practices was started for final year students from the month of February 2010. Classes of this course were conducted on every Tuesday & Wednesday. Resource person for the course was Mr. Bipin Patel who is a renowned RCC Consultant, Builder & a Civil Engineer himself.



Mr. Bipin Patel

Seminar on Civil Engineering Software's:

This seminar was organised to introduce different Civil Engineering Softwares to students. Seminar was delivered by Mr. A.S. Singh from CAAD Centre.



Mr. A.S. Singh delivering lecture

IInd Advisory Board Meeting:

Department of Civil Engineering organized IInd Advisory Board Meeting on 27th March, 2010. Meeting started with the declaration of Dr. G. R. Reddy (Sr. Scientist – BARC) as the Chairperson of Advisory Board. Later discussion started over the predefined agenda. Dr. G. R. Reddy, Mr. A. V. Karweer, Mr. P.S. Raizada & Mrs. Sumedha Shah (Advisory Board Members) emphasized on

maintaining quality of lab testing so as to promote consultancy assignments as well as stress was given to start Non Destructive Testing. Several other issues like development of labs, projects for final year students, vocational training & placement for students, faculty training etc were discussed.



Advisory Board Meeting

CESA Annual Function:

CESA had developed a vision to highlight various talents of students. In this respect CESA has organized its annual function where different activities were arranged for students as well as faculties on 23.03/10. Few to mention here are:

➤ Paint Ball Competition:

This was the unique event which was most enjoyed by all the faculties and students. Virtual war like situation is created for the participants & paint balls are used as rifles in the gun. The program got huge response & participation from all the faculties & students of SCOE.



Paint ball Competition

- Technical Poster Presentation was won by Mr. Nikhil Parab and Mr. Anup Sawant (T.E. Civil)
- In Best of Waste Competition Mr. Nikhil Parab (T.E.Civil) got 1st prize for the watch he prepared from waste nutshells, capsules etc.
- Mr. Siddesh Nikam (T.E. Civil) got 1st prize in Model presentation competition for the Cable Strayed Bridge which he prepared from waste drawing sheets.
- Straw structure competition is won by Ms. Poonam Batwal, Ms. Apeksha Jadhav, Ms. Varsha Patil, Mr. Asif Khan, & Mr. Malik Shaikh (S.E. Civil).



Model Competition

Farewell Function:

For outgoing batch of Civil Engineering farewell function is organized on 20th April 2010 in Seminar hall. All final year students were greeted by their juniors by giving them memento as a token of love. Later final year students shared their experiences. They also thanked the organizers for the function so that they got the opportunity to interact with all.

Value Addition of Staff:

Short Term Training Program attended by faculty:

- One week ISTE approved training program on 'Recent Trends in Concrete Technology' at Rizvi College of Engineering was attended by Mrs. Racheal Gitty from 11th Jan to 15th Jan 2010.

- Mrs. Manisha .B. Jamgade attended a Short Term Training Program on 'Global Warming & Carbon Credit' in Fr. Agnel College of Engg. , Mumbai from 23rd March to 27th March 2010.

Students Performance

Academics:

For the odd semester of 2009-2010 students have done excessively well in the university exams. A brief outline of overall university results for odd semester is mentioned here:

- Mr. Sagar Kakde got 73.85 % & secured 1st position in VIIth Semester.
- Mr. Kamlesh Yadav got 72.00 % & secured IInd position in VIIth Semester.
- Mr. Nikhil Parab got 79.80 % & secured 1st position in Vth Semester.
- Mr. Avinash Ingulkar got 76.12 % & secured IInd position in Vth Semester.
- Mr. Khan Mohammad Yasir got 74.80 % & secured 1st position in IIIrd Semester.
- Mr. Vinit Vijayan got 71.76 % & secured IInd position in IIIrd Semester.

Co and Extra Curricular Activities:

Civil Engineering students have actively participated in all the cultural, Sports & technical activities that had taken place in the institute & had also bought laurels to the department. To list few of them are:

- Mr. Himanshu Kesharwani (T. E. Civil) was IInd in Badminton Singles (Men)
- Second Year Civil was runner up in Box Cricket.
- Mr. Anurag Patil & Sumit Dolkar were runner up in dance completion.

Training and Placement:

It is matter of pride for Department of Civil Engineering that it has been successful in getting maximum placement for the outgoing batches. Students are placed in most reputed

companies like Marathon reality Pvt. Ltd. EMCO Pvt. Ltd. Akruti City Gold Pvt. Ltd. Etc.



Training sessions for final year students

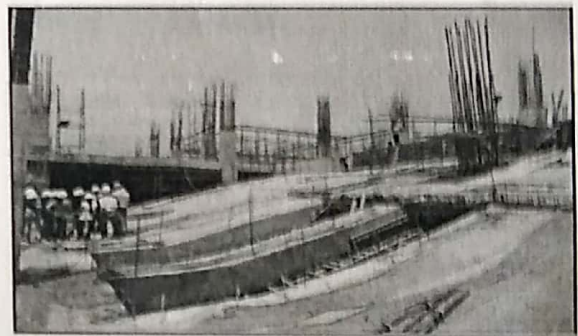
Rigorous efforts have been made to train the students for facing different interviews & test conducted by companies (like aptitude test, Group Discussions, technical interviews etc.). We give a brief list of students who got placed :

- Mr. Shivaji Kadam got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Praful BAngal got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Jitendra Bhatt got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Saurabh Bhide got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Rajan Burte got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Kalpesh Chottani got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Sushil Deshmukh got placed Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Sagar Kakde got placed in Akruti City Gold, Mumbai as Trainee Engineer.
- Mr. Vipul Kharade got placed in Marathon Reality Pvt. Ltd. as Site Engineer.
- Mr. Kishore Kshirsagar got placed in Marathon Reality Pvt. Ltd. as Site Engineer.
- Mr. Aatish Patil got placed in Marathon Reality Pvt. Ltd. as Site Engineer.
- Mr. Anurag Shukla got placed in Marathon Reality Pvt. Ltd. as Site Engineer.

- Mr. Rahul Shinde got placed in EMCO Pvt. Ltd.
- Mr. Sujit Shette got placed in EMCO Pvt. Ltd.
- Mr. Aniket Seth got placed in EMCO Pvt. Ltd.
- Ms. Sneha Shinde got placed in EMCO Pvt. Ltd.
- Ms. Pranita Nandagawali. got placed in HDIL as Trainee Engineer.

Industrial Tours and Site Visit

Department of Civil Engineering emphasis on imparting practical Knowledge along with the theoretical knowledge by arranging different site visits. Following are the industrial visits arranged for the students in the last semester to expose them to different field conditions & to update them with practical methods of working.



Students visiting a site

- Around 40 students have gone for the site visit of Big Residential Complex in Kharghar on 3rd Feb, 10. associated with Prof. R. B. Rathi & Mrs. Roshni John.
- Site Visit at J. M. Mahatre RMC Plant at Uran Panvel road was arranged for SE students on 4th March, 10. Mrs. Racheal Gitty & Mrs. Shanthi Selvam accompanied students on the site.
- Industrial Tour of 8 days was arranged for final year & third year students which included a technical visit at Howrah Bridge. Industrial Visit was arranged in the month of February and was associated by Mr. D. T. Patil

- Educational Tour was arranged for Second year students from 22nd March to 28th March 2010 and the associated faculty was Mrs. Shanthi Selvam. It covered visit to Bangalore Metro Project, Krishna Sagar Dam etc.



Bangalore metro project

Dissertation Work completed in year 2009 -2010:

- **Special Concretes** under guidance of Mr. D.T.Patil **This project is funded by Ambuja Cement.**
Objective: Testing of self compacting concrete, high strength concrete and light weight concrete with different mix proportions, to determine their strength & durability and also to study the properties of recycled aggregate.
- **Pavement Construction : Concrete & Flexible** under guidance Mrs. M.B.Jamgade
Objective: Study on latest development in rigid and flexible pavement.
- **Self Compacting Concrete** under guidance of Mrs. M. B. Jamgade.
Objective: Study of feasibility of using self compacting concrete by examining its basic properties and durability characteristics.
- **Environmental Impact Assessment, SATIS, Thane** under the guidance of Mr. R.B.Rathi.
Objective: To find out environmental impact of station area traffic improvement scheme (SATIS) at Thane Railway Station.

- **Cable Stayed Bridges** under the guidance of Mr. D.T.Patil
Objective: Study various aspects of cable stayed bridge like component detailing, preliminary design consideration and erecting methods.
- **Sewage Treatment Plant for Commercial Complex** under the guidance of Mrs. M.B.Jamgade.
Objective: To design the sewage treatment plant for IT park located in Thane.
- **Recycling of Concrete** to obtain natural aggregate under the guidance of Mrs. R.John
Objective: Study is done on demolished and waste concrete to obtain useble aggregate or material which can be ued as filler for several constructions.
- **Carbon Credit certification** under the guidance of Mrs. J.J.Nimje
- **Recent Techniques in repair & maintenance of buildings** under the guidance of Mrs. S.P. Kewate
- **Prefabrication Techniques** under the guidance of Mr. R.B.Rathi
Objective: Study of prefabrication techniques of RCC members.

Events planned (Jul- Dec 2010):

- Certificate Courses on C++ Programming using Visual Basics, Autocad & AutoLisp, Microsoft Project, Primavera & Staad Pro.
- Inaugural Function of CESA.
- Orientation Program for BE Students.
- One Day Workshop on 'Ground Improvement Techniques'.
- Seminar on 'Repairs & Rehabilitation of R.C.C. Buildings.
- One Day Workshop on 'Green Building Technology.