



NEWS BULLETIN

DEPARTMENT OF CIVIL ENGINEERING

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Vol: 05

Workshop Inaugural

Technical paper presentation

Site Visits

Training & Placement



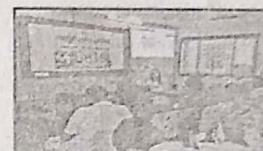
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100% placement for final year students

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.

Workshop on "Repairs and Rehabilitation of RCC structures":

Department of Civil Engineering had organized an ISTE approved One day Workshop on 'Repairs and Rehabilitation of RCC structures' on 11th February 2011.

Workshop was inaugurated by the Principal of SCOE, Prof. S. Jayaram. The objective of this workshop was to focus on the impacts from various methods and systems for repairs and maintenance of concrete structures, identification of causes of deterioration and consequent repair strategy at optimum cost. Prof. A.K. Singh of Bhagubai Mafatlal Polytechnic, Vile Parle (east), and Mr. Gopal Rai, CO, R & M International Pvt. .Ltd., Andheri, were the eminent speakers. They shared their knowledge and experiences with the participants. The students and faculty members were greatly benefitted with this session.

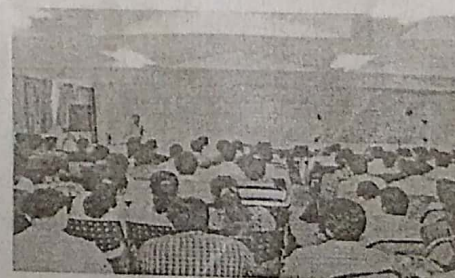
Editorial

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.



Dignitaries of Inaugural Function



Participants of workshop

Intercollegiate Technical paper presentation:

An ISTE approved one day intercollegiate Technical paper presentation competition was organized by CESA on 22nd February 2011. Students from different colleges of Mumbai participated in this event. The winners of this competition were given cash prizes of Rs. 5000/- for 1st, Rs. 3000 for 2nd and Rs 1000/- for 3rd position. The other participants were given the certificate of participation.

The following students were the winners:

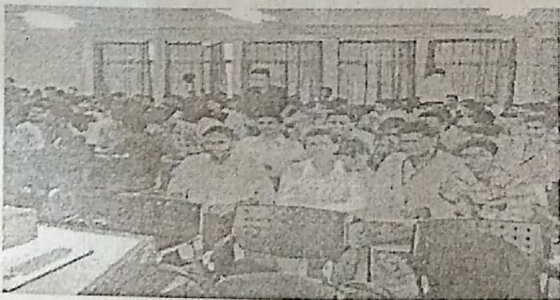
1. Mr. Suraj Nair and Mr. Manoj Goswami of B.E./SCOE presented on 'Disaster Management'.
2. Rounak Desai of 3rd yr diploma, Fr. Agnel Polytechnic coll., Vashi presented on 'Special Concrete and Sustainable Material' in Civil Engineering Construction.

The 3rd prize was jointly shared by two groups.

3. Mr. Bhushan Mahale and Ms. Siddhi Nalawade of 3rd yr/K.J. Somaiya Polytechnic college, Vidyavihar presented on 'Disaster Management'.

&

Mr. Anup Sawant and Mr. Adnan Momin of B.E./SCOE presented on 'Investigation Techniques for Condition Assessment of RCC Structures'.

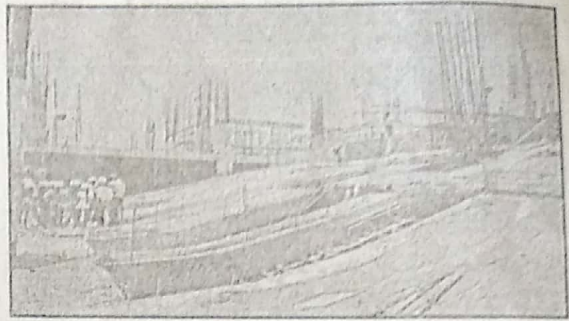


Technical paper presentation

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.



Educational tour :

- An educational tour to Konkan railways, Goa was arranged for S.E. students between 2nd -7th March 2011. The students were accompanied by Mrs. Khushnuma Inamdar and other staffs.
- For B.E. students also an educational tour to Chandigarh was arranged between 10th - 19th March 2011. They were guided by Mr. R.B.Rathi.

Industrial visit:

- The RMC Plant and Quarry " J.M. Mhatre Infra Pvt. Ltd. ", at JNPT, Uran, Panvel was visited by the final year students to study the process of RMC. They were guided by Mrs. S.P.Selvam and Mrs. Rachael Gitty.
- Visit To Pune - Mumbai Highway (Kharghar) on 25th March 2011 by T.E. students for traffic volume study under Mrs. Vasundhara Phad.

Farewell Function:

For outgoing batch of Civil Engineering a farewell function was organized on 18th April 2011 in Seminar hall. All final year students were greeted by their juniors by giving them memento as a token of love. Also, the B.E. students were given prizes for various categories:

- Best Outgoing Student of the year :
Mr. Nikhil Parab.
- Best Academic Performance :
Mr. Avinash Ingulkar

- Certificate of Appreciation was given to Suraj Nair, Anup Sawant, Jitesh Singhani, Ashish Jalan, Babita Vishwakarma and Himanshu Keserwani.

Later final year students shared their experiences. They thanked the organizers as they got the opportunity to interact with all.

Value Addition of Staff:

Paper Presentation by Faculty:

- Mr. D.T.Patil and Mrs. Madhulika Sinha presented paper on: 'Concrete Mix Design Using Crushed Sand' in International Conference between 13th -15th Jan 2011, at Dhule, Maharashtra.
- Mrs. Roshni John presented paper on 'Utilization of Fly Ash In Embankments' Govt. Engineering College Karnur between 29th-30th March 11. At SCOE, Kharghar, Navi Mumbai, between 2nd -3rd March 2011 the following faculties presented their paper:-
- Mrs. S.Kewate presented on 'Brouwer's First Form Theorem For 6 dimension'.
- Mrs. Rachel Utty, Mrs. Parvathy Kumar and Mrs. S.P. Eshwar 'Sand A Viable Alternative'.
- Mrs. M.B. Jangam, Mrs. J.J.Ninje and Mrs. S.P.Kewate presented on 'Planning & Design of Artificial Recharge of Ground Water'.

Students Performance

Academics:-

For the odd 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. Avinash Ingulkar got 79.62 % & secured 1st position in VIIth Semester.
- Mr. Ajitkumar Kantale got 78.12 % & secured 3rd position in VIIth Semester.
- Mr. Sukrut Rege got 75.88 % & secured 1st position in Vth Semester.
- Mr. Vijayan Vithih got 73.52 % & secured 11th position in Vth Semester.

- Mr. Dhanaajay Chikhaolekar got 74.35 % & secured 1st position in IIIrd Semester.
- Ms. Nafisa Malwala got 67.75 % & secured 11th 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. Ashish Jalan received Certificate of Appreciation in National level Technical Workshop on " Cost Effective Building Technique " at National Institute of Rural Development, Hyderabad, Andhra Pradesh.
- Ms. Anjana Nair and Ms. Babita Vishwakarma stood 1st in table tennis in SCOE.
- In Sports (Box Crickets), Annual Gathering of SCOE girls were the runner up team.

Training and Placement:

It is a matter of pride for the Department of Civil Engineering that it has been successful in getting maximum placement for the outgoing batches.



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 :

- Reliance Industries Ltd. :- Suraj Nair & Avinash Ingulkar
- Serata India :- Nikhil Parab, Himanshu Keshwani, Anup Sawant, Nitesh Jadhav, Nilesh Gurav and Manoj Kumar.

- **Man-infra Pvt. Ltd. :** - Himanshu Keshwani, Amit Zore, Siddesh , Shrikant Suryawanshi, Swayam Sharma, Siddesh Chandane, Fehzan Khan, Raj Sharma, Ashish Jalan and Nikhil Parab.

Industry sponsored projects completed in year 2010 -2011:

- **Planning of Metro Rail in Navi Mumbai (Belapur to Khandeshwar Node)** under guidance of Mr. D.T.Patil
Objective: Under the guidance of CIDCO officials students are studying planning process for New Metro Route & are also doing various surveys required for that.
- **Solution to Traffic And Car Parking problems in Mumbai** under guidance of Mr. D.T.Patil
Objective: Different types of car parking systems are considered to reduce traffic congestion in Mumbai.
- **Civil Engineering Construction Practices (Fr. Agnel Building, Bandra)** under guidance of Mr. R.B. Rathi
Objective: Study of various aspects of buildings in terms of techniques, economy, quality control, safety & applying them in practice.
- **Intelligent Building System** under guidance of Mrs. M. B. Jamgade.
Objective: Planning of Water Harvesting Tank, Provision of Solar Panel and Planning of underground Parking System.
- **Low Cost/ Affordable Housing Scheme** under guidance of Mrs. M. B. Jamgade.
Objective: Special emphasis on provision of social housing for the EWS & LIG categories with intelligent housing policies for MIG and HIG.
- **C Tech Basin Sewage Treatment Plant** under guidance of Mrs. M. B. Jamgade.
Objective: Comparison of C- Tech Basin STP with conventional STP in Planning Construction and execution stage.
- **Structural Auditing** under the guidance of Mrs. R.John.

Objective: Study of deterioration of building and working out corrective measures to make building habitable & serviceable by improving its structural condition.

- **Design of Industrial Building** under the guidance of Mrs. R.John
Objective: Design of various parts of building like: Design of truss as per IS- 800-2007 and also analysis of truss by IS-875
- **Town Planning & Construction** under the guidance of Mrs. P.D.Somani.
Objective: Step by step planning and construction techniques and procedures applied during town construction
- **Road over Bridge at Seawoods** under the guidance of Mrs. S.P.Kewate
Objective: Study of construction of Road Over Bridge with approaches in Nerul.
- **Poly Carbonate Roof Design** under the guidance of Mrs. S.P.Kewate
Objective: Designing of Roof of Auditorium at Vashi using Polycarbonate as roofing material & to study the procedure considered while designing the roof.
- **Recent Techniques in repairs & maintenance of buildings** under the guidance of Mrs. S.P. Kewate
- **Planning & Design of Oshiwara Railway Station** under the guidance of Mrs. S.P. Kewate
Objective: Study of planning of Railway Station. Also to analyse & design various elements required for railway station.
- **Design & Construction of Flexible Pavement** under the guidance of Mrs. S.P. Selvam
Objective: Design of flexible pavement in reclamation area & to compare it with original design.

Events planned (Jul- Dec 2011):

- Certificate Courses on MSP & STAAD Pro.
- Orientation Program for BE Students.
- Summer Internship presentation by B.E. students.
- One day workshop on 'Ground Improvement Techniques'.