



# NEWS BULLETIN

## CIVIL ENGINEERING DEPARTMENT

Saraswati Education Society's  
**SARASWATI COLLEGE OF ENGINEERING**

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Vol: 02

### Editorial

Welcome to the second issue of the Newsletter of Civil Engineering Department for 2009. In this issue, we present detailed reports on various developments happened in the department, briefing about the academic, technical & cultural activities. We trust this Newsletter will give all our readers more information on various aspects of our department. Sharing one such information with all of you is that this year Civil Dept. has got an increase in intake from 60 to 90.

Last, but not least we would like to express our thanks to the faculty members who have contributed for this Newsletter.

Civil Engineering Department has witnessed various technical and cultural events throughout the year 2009. A brief account of main activities and functions held in the period from January to December 2009 is presented here.

### CESA Annual Function:

Civil Engineering Department's Students Association held its annual function for the academic year 2008-09 on 13<sup>th</sup> Feb. 09. The function was inaugurated by Mr. C.J.Rao, Assistant Engineer, MHADA. Later Mr. C.J. Rao spoke on 'Green Building Technology'. His lecture covered the importance, requirements, advantages, and costing of Green building. He specifically mentioned regarding the adoption of this technology by various corporations throughout the world and specified the bylaws adopted by them for its implementation throughout the world. He also cited the details of ongoing projects in & around Mumbai, particularly handled by Sahara group.

After this guest lecture various technical & cultural events were organized which was endowed by the active participation of students. Few of the technical events & their respective winners are enlisted here:

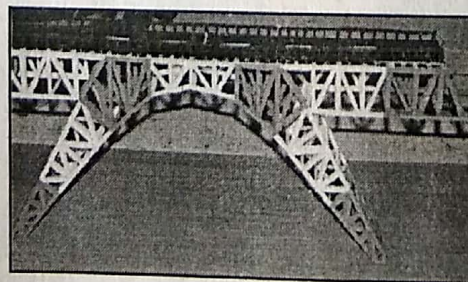
- Straw Structure Competition won by Mr. Gopal Chaudhari (TE Civil)
- Mr. Mehul Karia (BE Civil) got 1<sup>st</sup> in Paper Presentation. He presented paper over 'Rain Water Harvesting'.
- Poster Competition is won by Mr. Sujeet Mishra (TE Civil)



Mr. C.J.Rao & Dr. J.G.Kori



Dr. J.G.Kori addressing students



Model prepared by students

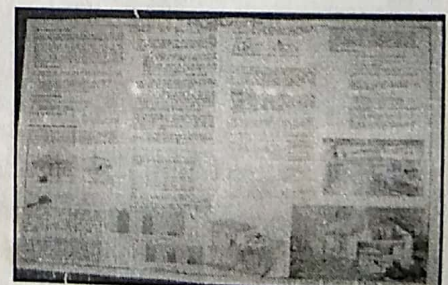


Chart competition

### Farewell Function

A farewell function for BE Civil students was organized on 22<sup>nd</sup> April 2009 in Seminar Hall. All the students of final year were felicitated & Certificates were awarded to members of CESA. Further students expressed their feelings by portraying them into a power point presentation, which included their complete journey of 4 years of SCOE. The program concluded with the offerings of best wishes from Principal, HOD, and CESA President.



Final Year Batch (2008-2009)

### Teachers Day Celebration:

On September 5th, 09 Teacher's day celebration was organized by the students to honor the teachers for their splendid efforts in shaping every individual. The students of the department arranged various programs on the occasion, to express their gratitude towards their teachers. While a few spoke on the stage, others displayed a power point presentation. The students also greeted their teachers with greeting cards & flowers. All the teachers who were invited



Teachers & Students

thanked the students for organizing the teacher's day celebration.

### Inaugural Function of CESA (2009-2010):

#### Fresher's Party:

The inaugural function of CESA for the year 2009-10 was arranged on 15<sup>th</sup> Sept, 09. The various events included review of last year work, election of new CESA committee followed by speeches of Director, Principal, H.O.D. and CESA President. CESA extended a warm welcome to the new batch of IInd year students of Civil Engg. Dept. by organizing a Fresher's Party.



HOD addressing the audience

#### Workshop on Special Concrete:

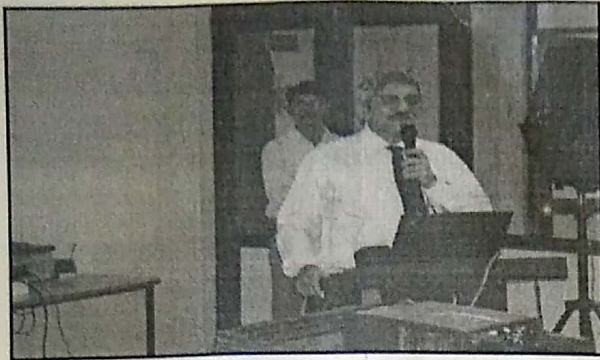
Civil Engg. Dept. organized a one day Workshop on 'Special Concrete' on 18th Sept., 09. The objective of this workshop was to highlight the ever changing aspects of concrete. Mr. Cyrus Dordi, Head of Quality Management & Customer support of Ambuja Cement graced the occasion as Chief Guest & delivered the



Dignitaries sharing the Dice

Inaugural address. Dr. J.G.Kori, Principal, SCOE delivered the "key-note address". The Workshop comprised of three technical sessions. In the first session Mr. Suhas Dhuri, Senior

Consultant, ACC described various types of concrete. In second session Mr. Cyrus Dordi emphasized on the quality management in the concrete construction. He also explained the reasons of deterioration & need of quality control in concrete.



Mr. Dordi speaking on the occasion

In the post lunch session, Prof. D.D. Sarode explained Bacterial concrete in detail. Towards the end, the valedictory function was chaired by Mr. Karver. Program was concluded by Mrs. M. B. Jamgade, Lecturer, Civil Engg. Dept. by delivering the vote of thanks and thanked all the speakers who made a valuable contribution to the workshop. He also thanked the delegates, students and faculty members who made untiring efforts to plan and execute the seminar in a clock like precision

Overall the seminar was a grand success and provided the students a good number of speakers to share their views on various sub themes of the seminar

#### **Value Addition of Staff:**

##### **Paper Presentations by Faculties:**

- Prof. Dr. J.G. Kori presented paper on 'Wave Energy generation device: Design & Development and Implementation' at ICORE 2009, New Delhi on 6th & 7th Oct. 2009.
- Mr. D.T.Patil presented paper on 'Parametric study of Cable Stayed Bridges' at National Conference in NCETCE at SCOE, Navi Mumbai on 21st & 22nd Dec., 2009.
- Mr. D.T.Patil presented paper on 'Knowledge Management: Applying in

Higher Education' at National Conference in NCETCE at SCOE, Navi Mumbai on 21<sup>st</sup> & 22<sup>nd</sup> Dec., 2009.

- Mrs. Roshni John and Mrs. Pooja Somani presented a paper on 'Recent Techniques of Fire Protection of Civil Engineering Structures' at National Conference in NCETCE at SCOE, Navi Mumbai on 21<sup>st</sup> & 22<sup>nd</sup> Dec., 2009.

##### **Short Term Training Program attended by faculty:**

- One week ISTE approved training program on 'Emerging trends in Engineering Education & Teaching Methodology' at SCOE was attended by Mrs. M.B.Jamgade, Mrs. J.J.Nimje, Mrs. Roshni John, Mrs. P.D.Somani, Mrs.R.Gitty, Mrs. S.P.Kewate & Mrs. S.P.Selvam from 13<sup>th</sup> Jan to 17<sup>th</sup> Jan 2009.
- Mrs. M.B.Jamgade, Mrs. J.J.Nimje and Mrs. S.P.Kewate attended one day Workshop on 'A Voyage into Environmental issues' at SIES College, Navi Mumbai on 16<sup>th</sup> Feb 2009.
- Mr. R.B.Rathi, Mr.D.T.Patil, Mrs. M.B. Jamgade, Mrs. J.J.Nimje, Mrs.R.John, Mrs. P.D.Somani, Mrs. R.Gitty, Mrs. S.P.Kewate, Mrs. S.P.Selvam attended One day Workshop on 'Advances in Civil Engineering and Infrastructure Development' in Datta Meghe College of Engineering on 28<sup>th</sup> Feb. 2009.
- Mrs. M.B.Jamgade & Mrs. J.J.Nimje attended a Short Term Training Program on 'Renewable Energy System and Technology' in K.J.Somaiya College of Engg. , Mumbai from 29<sup>th</sup> Jun to 03<sup>rd</sup> July 2009.
- Mrs. M.B.Jamgade, Mrs. J.J.Nimje and Mrs. S.P.Kewate attended two weeks ISTE approved Short Term Training Program on 'Sunrising Technology in Environmental & Energy Sciences and

Soft Skill Workshop' in SCOE, Kharghar, Navi Mumbai from 07<sup>th</sup> to 20<sup>th</sup> Dec 2009.

## Students Performance

### Academics:

- It is a matter of pride to our department that our student, Mr. Mehul Karia of BE (2008-2009) secured the 11<sup>th</sup> rank in the Mumbai University Degree Examinations conducted.
- A brief outline of the overall University results of 2009 is given below.
  - Mr. Mehul Karia got 78.00 % in Final Year.
  - Mr. Sagar Kakade got 72.12 % in Third Year.
  - Ms. Dwanisha Hadawle got 71.18 % in Second Year.
- Mr. Jagdeep Shrama (BE Civil) is selected for Post Graduation in Construction Management in VJTI.

### Co and Extra Curricular Activities:

The year 2009 started with high spirits for sports, cultural and technical activities. The students from Civil Dept. have taken part in the Annual function of SCOE, Arizona 2K9 and have won laurels for the department.

- Mr. Mehul Karia (BE Civil) got 1<sup>st</sup> prize in Technical paper presentation.



- Mr. Suraj Nair and Mr. Sujeet Mishra (SE Mr. Pankaj Tripathi (BE Student) performing in Arizona Civil) got 2<sup>nd</sup> prize in Technical Paper Presentation.
- Mr. Ujwal Vyas (TE Civil) got 1<sup>st</sup> prize in Technical Quiz Competition.

- Mr. Prasad Rodekar, Mr. Jayendra Patil and Mr. Suraj Bhagat (BE Civil) got 1<sup>st</sup> prize in Stick Structure Competition.
- Mr. Kishore Kene, Mr. Suraj Bhagat and



Civil students in Arizona

- Mr. Jayendra Patil (BE Civil) got 1<sup>st</sup> prize in Save the Eggstronaut Competition.
- Mr. Suraj Bhagat, Mr. Jayendra Patil and Mr. Prasad Rodekar (BE Civil) got 1<sup>st</sup> prize in Junkyard Wars.
- Mr. Nilesh Naik (BE Civil) got 2<sup>nd</sup> prize in Junkyard Wars.
- Mr. Darshan Bhoir and Mr. Prasad Rodekar (BE Civil) got 1<sup>st</sup> prize in Logo Tech Competition.
- Mr. Jayendra Patil and Mr. Suraj Bhagat (BE Civil) got 2<sup>nd</sup> prize in Logo Tech Competition.
- Mr. Suryom Tiwari (BE Civil) got 1<sup>st</sup> prize in Stock Track Competition.
- Mr. Sushant Jadhav (BE Civil) got 2<sup>nd</sup> prize in Stock Track Competition.
- Mr. Suraj Bhagat (BE Civil) got 1<sup>st</sup> prize in Multimedia Shooting Competition.
- Mr. Jayendra Patil (BE Civil) got 2<sup>nd</sup> prize in Multimedia Shooting Competition.
- Mr. Nilesh Naik (BE Civil) got 2<sup>nd</sup> prize in Body Tattooing Competition.
- BE Civil was runner up in Open Cricket.
- Mr. Himanshu Kesharwani (SE Civil) was winner in Badminton Singles (Men)
- Ms. Anjaana Nair (SE Civil) was winner in Badminton Singles (Women)

- Mr. Himanshu Kesharwni (SE Civil) and Mr. Rajeesh K.V. (EXTC) was winner in Badminton Doubles (Men)



Third year students performing at the occasion

- Mr. Vikas Pandey (TE Civil) was runner up in Carrom Single
- Ms. Soonam Singhavi (SE Civil) got 1<sup>st</sup> prize in 100m Running Race (Women)
- Ms. Ashwini Jadhav (BE Civil) got 2<sup>nd</sup> prize in 100m Running Race (Women)
- Ms. Anjana Nair (SE Civil) got 3<sup>rd</sup> prize in 100m Running Race (Women)
- BE Civil won 4x100 m Relay Race.

### Training and Placement:

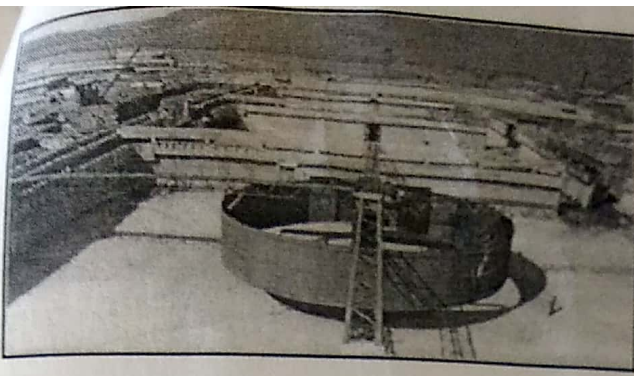
This year many of our students got placed in many reputed companies. To list few of them:

- Mr. Suraj Bhagat got placed in Mahalakshmi Group, Mumbai as Site Engineer.
- Mr. Nutan Bhosale got placed in BARC, Mumbai as Trainee Engineer.
- Mr. Soumya Chakraborty got placed in Nirmal Udyog, New Mumbai
- Mr. Mohansingh Deora got placed in Skywalk Infrastructure Pvt. Ltd.
- Mr. Vivek Dongre got placed in Structwell as Jr. Engineer
- Mr. Milind Ashar got placed in D.D. Kulkarni, Structural and Project management Consultants, Mumbai as Jr. Engineer.

- Ms. Ashwini Jadhav got placed at Sowil Ltd. as trainee Design Engineer.
- Mr. Sushant Jadhav got placed in Lodha Group as Jr. Engineer.
- Mr. Sagar Kamble got placed in Generic Constructions Pvt. Ltd. As Site Engineer.
- Mr. Mehul Karia got placed in Off Beat Developers Pvt. Ltd. As Jr. Engineer
- Mr. Kishor Kene got placed in SPARK as Site Engineer.
- Ms. Jinita Mistry got placed in Sat Enterprises as Jr. Engineer
- Mr. Nilesh Naik, Mr. Mohd. Qureshi and Mr. Suryom Tiwari got placed in Man Infra Construction as Site Engineer.
- Mr. Rakesh Nimbalkar got placed in Platinum Properties as Site Engineer.
- Mr. Prasun Paul is working with Paul Engineering
- Mr. Vishal Pulke got selected in PWD, Nerul as Jr. Engineer
- Mr. Raj Kapoor and Ms. Harshita Vaiti got places in HDIL as Trainee Engineer.
- Mr. Prasad Rodekar and Mr. Jayendra Patil got placed in ISPAT Industries as Jr. Engineer.
- Mr. Amol Shingate is placed at R.M.C. kurla as Jr. Engineer.
- Mr. Pankaj Tripathi got placed at Girish Enterprises as Jr. Engineer.
- Mr. Ajaykumar Upadhyay got placed as J. Kumar Enterprises as Jr. Engineer
- Mr. Sandeepkumar Yadav got placed in Bharat Construction Company as Site Engineer.

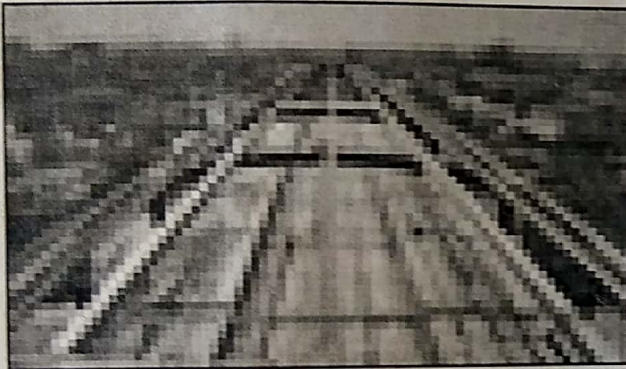
### Industrial Tours and Site Visit

The industrial visit was organized in different sectors like Environmental, Infrastructure, transportation etc. The following are the industrial visits which have been organized by the department. Such exposures are great in developing better understanding of the theoretical concepts and results further in good fitment in the industry.



Bhandup Water treatment plant

- Around 40 students have gone for the site visit of Bhandup Water Treatment Plant, associated with Mrs. M.B.Jamgade and Mrs. J.J.Nimje
- Educational Tour of 8 days was arranged for BE students which covered a construction



Delhi Metro site

site of Delhi Metro Site. Students were accompanied by Mr. D.T.Patil.

- Site Visit at Kalyan marshalling Yard for TE Students accompanied by Mrs. S.P.Selvam & Mrs. Rachel Gitty

#### Ongoing Projects of BE Students (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** 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 used as filler for several constructions.
- **Carbon Credit certification** under the guidance of Mrs. J.J.Nimje
- **Prefabrication Techniques** under the guidance of Mr. R.B.Rathi  
**Objective:** Study of prefabrication techniques of RCC members.

#### Events planned (Jan 2010- Jun 2010):

- I.S.T.E. approved One week Short Term Training program on 'Analysis and Design of Earthquake resistant structures' from 5<sup>th</sup> to 9<sup>th</sup> January 2010.
- One Day Workshop on 'Global Warming' in the month of March 2010.
- Expert Lecture on 'Retrofitting of Structures'
- Annual Function of CESA
- Farewell Party for final Year Student