



SARASWATI ENGINEERING COLLEGE

CIVIL ENGINEERING DEPARTMENT

NEWS BULLETIN

PLOT NO – 46/46A, SECTOR – 5, KHARGHAR, NAVI MUMBAI. .

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Editorial Panel: Prof. R.B. Rathi, Mrs. Pooja D. Somani & Mrs. L. R. Suja ram

Saraswati College of Engineering has completed 5 years of excellence in various engineering fields as: Civil Engineering, Mechanical Engineering, Electronics & Telecommunication Engineering, Computer Engineering and Information Technology (started from 2008).

Civil Engineering Department was established in June 2005 under the leadership of Mrs. Meghna Upadhaya and presently headed by Prof. R.B. Rathi. Civil Engineering Department is proud to have the resourceful person like Prof. Dr. J. G. Kori - PhD. Structures – IIT Mumbai, who is also the principal of our institute.

DEPARTMENTAL ACTIVITIES

Since its inception department has carried out number of activities and arranged several function. A brief account of main activities and functions is as follows:

• INAUGURATION OF 'CESA'

Civil Department has formed students Council entitled 'CESA – Civil Engineering Students Association', to carry out various extra curricular activities. CESA was inaugurated by Dr. J.G. Kori, Principal, SCOE.

Body of 'CESA'

Staff Coordinator - Mrs. Shilpa Kewate

President - Mr. Kirti Bhoir (B.E.)

Vice President - Mr. Ujwal Vyas & Mr. Rahul Dethe (T.E.)

Secretary – Rakesh Nimbalkar (B.E.)

Treasurer – Mr. Jagdeep Sharma (B.E.)

Inauguration function was followed by Guest Lecture by Mr. Girish Khandagale on 'Entrepreneurship in Civil Engineering'. Further the event was continued with Technical Quiz and many other cultural activities

arranged by students. Event was concluded with Vote of Thanks given by Kirti Bhoir.

• TEACHERS DAY CELEBRATION

CESA organised a function on 5th Sept. to mark the birth anniversary of Dr. Radhakrishnan. Students Representative from all the classes spoke on the occasion & presented bouquets to all staff members. Program ended with few cultural events & tea & snacks at the end.

• ADVISORY BOARD MEETING

For enhancing industry institute interaction Advisory Board of Civil Engg. Dept. has been formed which includes dignitaries from industry.

Structure of Advisory Board

Prof. R.B. Rathi, HOD, Civil Engineering Department (President)

Mrs. Sumedha Shah, Sr. Consultant, Shah Technical Pvt. Ltd. (Member)

Mr. Manish Jantikar, Director, Akruti Centre of Real Estate Studies

Mr. Pratap Raizada, General Manager (Projects), Gammon India (Member)

Mr. Anil Parashar, Lafarge India (Member)

Mrs. Pooja Somani, Lecturer, SCOE. (Coordinator)



First Advisory Board Meeting was held on 17th Oct, 08. The dignitaries of the meeting were Dr. J. G. Kori (Principle, SCOE), Prof. Bennur Shrinivasa (Principle, SIOT), and HOD's of all dept., Director of MMS, Advisory Board Member, Staff and Students of Civil Engineering Department. Welcome session of the dignitaries was carried out by Mrs. L.R. Suja. Further discussions were made among Advisory Board Members, Students & Faculties on the given agenda:

Agenda:

1. Present Industrial Scenario
2. Placement methodology
3. Bridging Gap between Industry Institution
4. Scope for Consultancy in institution
5. Direction for academic upliftment of students

Advisory Board Members geared up the need for updating ourselves with the recent technological developments. They also focussed on the necessity of better academic performances and Truthfulness of their resumes as presented to the industries at the time of interview. Interaction session was followed by felicitation of achiever students. Meeting was concluded by Vote of Thanks delivered by Mrs. Pooja Somani.

• Department is also initiating to undertake Consultancy Works in following fields:-

1. Material testing
2. Portable and Waste Water Testing
3. Soil Investigation

• In order to highlight various departmental activities, Department was inculcating the idea of publishing News Bulletin, which has been materialise with this 1st edition with the editorial board headed by Prof. R. B. Rathi and members being Mrs. Pooja Somani & Mrs. L.R. Suja.

RESEARCH & DEVELOPMENT

Mr. D.T. Patil and Students of our dept. are involved in research work on '**Generation of Energy from Non Conventional Sources**' located at Chiplun funded by Maharashtra State Government.

TEACHNICAL ACTIVITIES

• Seminar on **STRUDS 2008** was arranged for faculty and students on 16th Oct, 08.

• Shri N. Nagaich (DGM, NOCIL) delivered a lecture on '**Nuclear Power Technology**' on 30th sept, 08.

• Guest Lecture by Mr. Girish Khandagle on '**Entrepreneurship in Civil Engineering**' on 15th Sept, 08.

• Mr. S.S. Chavan arranged a training program for students of Civil Engineering Dept. on **AutoCAD – 2008**

• Shree Sajeev Raje (Assistant Manager- Customer support – Ambuja Cement) delivered a lecture on **Concrete Technology** in October 2007.

• Shree Abhay Jadhav from Pedilite Industries Ltd. Delivered a lecture on **Building Repairs and Water Proofing** in March 2008.



PAPER PRESENTATION OF STAFF

• Mrs. Roshni John and Mr. Dada Patil presented paper on "Role of vegetation in Civil Engineering" at TKIET, Warnanagar, 15th -16th Feb 2008.

• Mrs. Manisha Jamgade and Mr. D.S. Patil presented a paper on "Ground Improvement Techniques" in Techno Millenium, National Conference in MIT Aurangabad,, 15th -17th September 2007.

Abstract:- Geotechnical Engineers assess the existing soil & rock conditions & develop designs that are compatible with these conditions for various projects. In some projects soil conditions are so critical that it becomes so expensive to accommodate them in the design in such cases soil improvement is required.

• Mrs. Jyoti Nimje & Mrs Manisha Jamgade presented a paper on "Hospital waste Management – An overview in the National Conference on Environmental Pollution (NCEEM – 2008) at TKIT, Warnanagar, Kolhapur on 15th -16th Feb 08.

Abstract:- Hospital Waste Management is an important & necessary component of environmental health protection. The purpose of this paper is to provide an introduction to the field of hospital waste management, covering various fundamental aspects such as identification, characterisation, source of generation & various treatment technologies.

• VALUE ADDITION OF STAFF

1. Mrs. Roshni John is doing her ME in Structures from MGM College
2. Mr. S.S Chavan completed a certificate course in STAAD Pro.
3. Following staff members have attended various STTP as mention to excel in their field
 - Mr. D.T. Patil and Mr.S.S. Chavan has attended STTP on 'Modern Approaches for Eartquake Resistant Design of Structures' at Dr.J.J.Magdum College of Engineering, Jaisingpur, 22nd -27th Dec 2008.
 - Mrs. Roshni John has attended STTP on 'Effective Teaching' at K.J. Somaiya College of Engineering , Mumbai, 23rd -27th Jun 2008.
 - Mrs .Manisha Jamgade, Mrs.Jyoti Nimje and Mr.D.S. Shah attended STTP on "Environmental Management for sustainable Development" held at NITIE Mumbai from 16th -27th Jun 08.

STUDENTS PERFORMANCE

- To improve the teaching learning process a feedback system has been adopted, in which teachers are evaluated on their teaching skills and their general attitude towards students.
- We have an effective protocol team which has the complete information (Both academic and personal) of student, thereby guiding them to overcome their academic weakness.

ACADEMICS

The student have performed exceedingly well in the university exam 2007-2008.

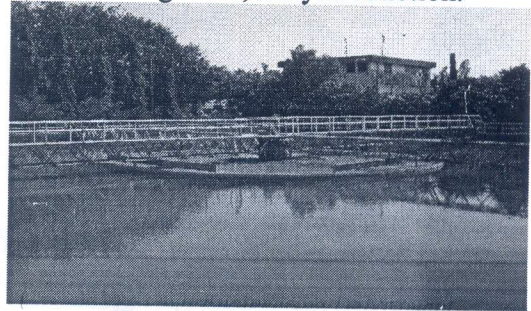
Ashish Pawar 65.1 % (B.E.)
 Mehul Karia 78.67 % (Dist.) (T.E.)
 Shivaji Kadam 65 % (S.E.)

TOURS AND VISITS

Various site visits are arranged to improve the practical knowledge of students.

Sites visits arranged since are as follows.

- Bhakra Nangal Dam.
- Bhandup Water Treatment plant and Deonar Dumping Ground
- Readymix Concrete Plant, Mahim
- Station Area Traffic Improvement Scheme
- Marshalling Yard, Kalyan Junction.



CO AND EXTRA CIRICULAR ACTIVITIES

- Milind Akshar and Sujit Shetty (T.E.Civil) got 2nd Prize in the Technical Paper Presentation at MIT Aurangabad "Golden Quadrilateral- A Dream Project.
- Rahul Dethe got 2nd prize in the Robotic Competition held in SIES College, Nerul .
- Yogesh Darvesh got 2nd prize in the Inter College Dance Com[petition at Parshawanath College, Thane.
- Students of B.E. Civil secured 1st prize and S.E. Civil 2nd prize in Cricket match in Infinity 08.
- Students of T.E. Civil secured 1st prize in bollyball tournament in Infinity 08.
- Vikas Panudey got 2nd in Caroms in Infinity 08.
- Rounak Talreja gto 1st prize in Solo Dance competition in Infinity 08
- Akshay Shinde & Vishunu Solanki got 1st prizwe in singing Competition in Infinity 08.
- Ujwal Vyas & Raviraj Shetty got 1st prize in Technical Paper presentation in Infinity 08.

PLACEMENTS

Following is the list of few students who have been placed through campus interview in various leading companies.

- Pankaj Tripathi - { Creative Global
- Gautam minakshi- Technical Services
- Pathare Pravin - India Ltd. }
- Pawar Ashish-
- More Prasad - Marathan Group

- Raunak Talreja- Wipro BPO
Companies expected to visit our college for recruitment in forthcoming month are:-
- Gamman India Ltd.
- HCC
- Larsen & Tubro
- Wipro
- Lafarge India

PROJECT WORKS

Projects completed (2007-2008):

- “Use of fly-ash for manufacturing non - structural elements”, done by Aniket .N.Patil, Pramaod M Nane, Girish V Singh, Uddhav T Gawade guided by of Prof.R.B.Rathi.

Abstract: A study was made on flyash cement & lime mixes for casting non – structural elements.

- “Analysis and design of G+15 Earthquake resistant structure with STAAD PRO”, done by Anurag Chaudhari, Vinay Dhasmana, Vikas Patel, Vishnu Solanki, guided by of Prof.D.S.Patil.

Abstract: StaadPro a software used by the students to prepare the analysis of G+15 RCC framed building to resist earth quake forces based on this analysis design of column, beam & slab was carried out.

- .EIA of Bundra Worli sea- link”, done by Ashok Kumar Yadav, Meenakshi Gautam, Aashish Pawar, Raunak Talreja, Amit Bhagat, guided by of Prof.Dhaval.S.Shah.

Abstract : Environmental Impact assessment of large Civil Engg structures is the basic of its clearance from pollution control board and environmental ministry. A case study was carried out by the students.

- Station Area Traffic Improvement Scheme – Ghatkopar done by Prasad More, Akshay Shinde, Pravin Pathere, Kishore Chavan guided by Mrs. Manisha Jamgade.

Abstract: Station area near Ghatkopar is very much crowded during peak hours. To ease out the crowd an scheme was designed. The study of the same was done by our students.

Ongoing projects (2008-2009):

- ‘Biomedical Waste Management(in Thane Region’, under the guidance Mrs.M.B.Jamgade M.Tech(Env.), SCOE

(Internal Guide) & Mr.P.V.Mul ,M.Tech (Env), Executive Engineer, CIDCO (External Guide)

- ‘Ready Mix Concrete’, under the guidance Mr.D.T.Patil M.E(Struc) SCOE(Internal Guide) & Mr.Pran Mathur , K.Reheja Construction Corporation.Pvt.Ltd.(External Guide)

- ‘Geographic Information System –GIS’, under the guidance Mrs.J.J.Nimje, M.Tech(Env.) SCOE (Internal Guide) & Mrs.Shela Karunakar M.E(Struc) Executive Engineer CIDCO(External Guide).

- ‘Rain Water Harvesting’, under the guidance Mrs.M.B.Jamgade M.Tech(Env) SCOE (Internal Guide) & Mr.P.V.Mul, M.Tech(Env), Executive Engineer, CIDCO (External Guide)

- ‘Case Study of Under Ground Tunnelling for water supply’, under the guidance of Prof.R.B.Rathi, M.E (Constn..Management) SCOE (Internal Guide) & Mrs.Sumedha Shah M.Tech (Env), Shah Consultant Pvt.Ltd (External Guide)

- ‘ Self Compacting Concrete’, under the guidance of Prof.L.R.Sujaram, M.Tech(Struc), SCOE (Internal Guide) & Mr.J.P.Kharate, M.E(Struc), Asst.Engr.CIDCO(External Guide).

- ‘Bonded Post tensioned Concrete’, under the guidance of Prof.L.R.Sujaram, M.Tech(Struc), SCOE (Internal Guide) & Mr.Pratap Rajjada, Gammon India Pvt. Ltd(External Guide).

EVENTS PLANNED (Jan – Jul 2009)

- Expert lecture on “Prefabrication – a revaluation in construction engineering
- Language proficiency training
- Expert lecture on “Planning and Designing of Earthquake resistant structure- Today’s need.
- Mock interviews for B.E Students (TPO activities)
- National Conference on ‘Infrastructure development in Mumbai and Navi Mumbai’ in the month of May 09.