

SARASWATI EDUCATION SOCIETY'S  
SARASWATI COLLEGE OF ENGINEERING  
**DEPARTMENT OF CIVIL ENGINEERING**

Kharghar, Navi Mumbai. Website: [www.scoe.edu.in](http://www.scoe.edu.in)  
E-Mail: [hodcivil.scoe@gmail.com](mailto:hodcivil.scoe@gmail.com)

**NEWS BULLETIN**

***Editorial Panel: Prof. Roshni John, Prof. Chitra V.***

*Vol:-12*





**Principal  
SCOE**



**HOD  
Civil Engineering Dept.**

### **Department Mission –**

1. To get recognized internationally for engineering education and research.
2. To strive to achieve excellence in technical education imparted in Civil Engineering.
3. To collaborate with other recognized institutes and industries of national or international level for quality improvement and development.
4. To strive to maintain cultural identity of Civil Engineering profession.

### **Department Vision-**

1. To develop the department through continuous R&D activities.
2. To strengthen the teaching-learning process through a well knit student-staff relationship.
3. To place all the students in services or motivate them for entrepreneurship.
4. To establish well equipped laboratories with latest equipments for research and development in various fields of civil engineering.

### **Editorial**

*The Department of Civil Engineering is glad to present the December 2014 issue for News Bulletin. Every department has its long term and short term goals and its evaluation system. This Bulletin is meant to describe and evaluate the ups and downs of the different activities carried in previous semester.*

*Also we wish the department would make a better leap in terms of academics and other innovative activities in the coming semester. We greet all our readers for the even semester 2014-15.*

## Achievements

### Departmental Achievements:-

➤ ICAST 2014

The Department organized the chair for the International Conference in Advances in Science and Technology (ICAST 2014). Students and Faculty members of Civil Engineering Department have published papers during the event.

➤ Results

Overall result of SEM VIII was 93.75%.

➤ Four students from final B.E. got placed at Marathon Realty Pvt. Ltd.

➤ Krishna Garkal of B.E. secured tenth rank in the university for the academic year 2011-2014.

### Toppers for the academic year 2013-14 ( ODD SEM)

Toppers of BE (Sem VI)	Toppers of TE (Sem V)	Toppers of SE (Sem III)
Garkal Krishna (79.71%) Nagare Sharayu (76.85%)	Savle Sujay (78.82%) Pachpande Bhagyashri (75.11%)	Ahire Nandkishor (9.23 SGPA) Paradkar Aumkar (9.08 SGPA)

### Result for ME Civil (Structural Engineering) SEM-I:-

**Overall Result: - 93.75%**

Neha Kolte            9.27 SGPA

Supriya Khedkar   8.91 SGPA

Rameez Gahlot      8.55 SGPA

## **Faculty Achievements:-**

- Dr. Sangita Mishra presented a paper on “Hydrological Drought Assessment of Tel river basin using GIS and multiple time scale indices” at Geomatrix 2014 conducted during 6-7 June 2014 at IIT, Powai .
- Dr. Sangita Mishra published a paper in the journal IJSCR 2014 under the topic “Design of water harvesting structure in Himalayan hilly region”.

## **IMPORTANT EVENTS IN THE DEPARTMENT**

### **TEACHERS DAY CELEBRATION:-**



The faculty of the civil engineering department celebrated Teacher's day on 5<sup>th</sup> September 2014. Dr. Alam Shaikh, Principal and Prof. S.N.Teli , HOD(mechanical) were also present for the function. Prof. Roshni John, HOD(civil) addressed the meeting.

## **FRESHER'S PARTY CELEBRATION:-**



The CESA committee of the civil department organized fresher's party to welcome the second years students to the department. Dr. Alam Shaikh, Principal, Prof. Roshni John(HOD, civil) and Prof. Siddhartha Ray (CESA coordinator) presided over the function. The meeting introduced the newly elected CESA student coordinators in the civil department. Cultural events were also organized by the second and third year students of the department.

## **CESA ACTIVITIES:-**

### **A) BLOOD DONATION CAMP**



The CESA organized the blood donation camp on 17<sup>th</sup> September 2014 in association with Dr. D.Y.Patil hospital and medical college, Navi mumbai. The blood donation camp was inaugurated by Prof. Roshni John, HOD(civil). Students and faculty members participated in the blood donation camp.

## B) SELF DEFENSE WORKSHOP FOR GIRLS



A workshop was conducted on “self defense for safety for girls” by the CESA committee on 17<sup>th</sup> September 2014. Experts in Taekwondo art gave defense classes to students of the department

## C) JAMMU AND KASHMIR FLOOD RELIEF FUND



A fund collection was organized by the CESA committee of the department to help the flood victims of the Jammu and Kashmir. Clothes, grains and cash amount were collected showing the cause and were properly handed over.

## HONOUR TO TOPPERS



The toppers in the civil department were honoured during the foundation day on 17<sup>th</sup> September 2014. University rank holder, Krishna Garkal and Sharayu Nagare were felicitated by Smt. Vrushali Deshmukh, Secretary, SES. Also, the batch toppers in third and second years were also given awards.

## SITE VISIT:-



The students of M.E. (civil) visited the building site at Borivali under Triveni Developers, Mumbai on 6<sup>th</sup> November 2014 under the guidance of Prof. Roshan Zemse. The site was proposed for a G+11 residential building. The site visit was very advantageous and the students were well benefitted.

## ICAST 2014-CIVIL ENGINEERING SESSION



The civil engineering session of the ICAST 2014 was held in the department on 12/11/2014. The session was chaired by Dr. B.Asha, Professor, Datta Meghe College of Engineering, Airoli. Dr. Manjusha Deshmukh, Principal, Prof. Roshni John, HOD(civil) and Dr. Sangita Mishra, session incharge presided over the function. 17 papers were received for the civil engineering stream and 12 papers were presented during the session. The paper presented by Hussain Hamdulay and Molly Mathew was given the best paper award. The details of paper presented are given below.

<b>Authors</b>	<b>Title of Paper</b>
Pooja Somani, Siddhartha Ray, Sanjay Singh	Assessment of Water Quality
Hussain Hamdulay, Molly Mathew	Study of Fatigue and Life Assessment of Steel Structures:ISO 800:2007 Provision
Rameez Gahlot, Roshni John, Roshan Zemse	Cofferdams-Forces, Analysis and Design Criteria
Neha Kolate, Molly Mathew, Snehal Mali	Analysis and Design of RCC box Culvert
Roshni John, K.Preetha kumari, Pankaj Sethi	Seismic Active Earth Pressure Behind Retaining Wall
Varsha Patil, Devikrishna P.M.	Design of Shear wall in Seismic Region
Mital Desai, Shilpa Kewate, Sneha Hirkane	Study of Fold and Folded Plates in Structural Engineering
Vaibhavi Mhatre, Shilpa Kewate, Anoo Sebastian	Study of Factors affecting Stability of Precast Segmental Box Girder
Sandeep Kadam, Devikrishna P.M., Subrato Chowdhary	An examination of Possible Usage of Mumbai Creek sand for making Concrete – A Review
Harshal Deshpande, Radhika Joshi, Prashant Bangar	Design Considerations for Reinforced Concrete Flat Slab Floor System
Jignasha Patel, Roshni John, Devikrishna P.M.	Comparison of Shear Resistance of High strength Concrete Beam without Shear Reinforcement by Different Codes
Naziya Ghanchi, Chitra V.	Waffle Slab Analysis by Different Methods
Sangita Mishra, Suman Rawat	Drought Assessment in Tel River Basin using Multiple Time Scaled Indices and GIS
Supriya Khedkar, Yugandhara Sontakke, D.R. Suroshe	Design of Prestressed Concrete Tenk: A Review
Payoshni Mali, Savita Lokare, Chitra V.	Effect of Blast loading on Reinforced Concrete Structures
Osama Maniar, Prathmesh Khanvilkar, Suchetha Sable	Effect of Wind on Cable Stayed Bridges



## FACULTY DEVELOPMENT PROGRAMME



The teaching and non-teaching staff of the civil engineering department conducted the site visit under faculty development program on 18<sup>th</sup> December 2014. The site selected was Lavasa city in Dasve town, Maharashtra and it was a one day trip. The trip was really informative. Dams of Warasgaon and Temghar and sewage treatment plant of the Lavasa city were visited and the working was studied.

## QUALITY IMPROVEMENT PROGRAM:-

The civil engineering department conducts quality improvement program (QIP) to aid to the teaching skill and technological updation of the faculty members. A short presentation is given by faculty members on every Tuesday on some current civil engineering topics. A good discussion is held after the presentation regarding the technical aspects of the topic. The list of QIP topics with presenters are given below

Faculty	Topic
Prof. Radhika Joshi	Airport Engineering
Dr.Suman Rawat	Earthquake (cause & distribution)
Prof. Prashant Bangar	Cable Stayed Bridges (B-W Sealink)
Prof. Parvati V.Kumar	Eutrophication
Dr. Sangita Mishra	Application of Remote Sensing in Civil Engineering
Prof. Chitra V.	Vibration Absorbers
Prof. Supriya Khedkar	Prestressed Concrete
Prof. Varsha Patil	Condition Survey
Prof. D.R. Suroshe	Foundation/Ground Improvement Techniques
Prof.Prathmesh Khanvilkar	Fly Ash
Prof. Pooja Somani	Reverse Osmosis



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