



## DEPARTMENT OF CIVIL ENGINEERING



# NEWS LETTER



*Vol-15 (JUNE 2016-17)*

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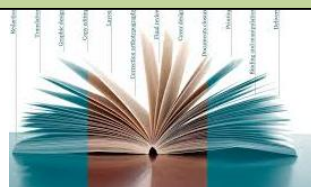


## EDITORIAL

A HEARTY WARM WELCOME TO THE 15<sup>TH</sup> ISSUE OF '*DEPARTMENT OF CIVIL ENGINEERING NEWSLETTER*' FOR THE ACADEMIC YEAR 2015-16. IT HAS BEEN YET ANOTHER AMAZING SEMESTER, WITH OUR STUDENTS DOING WELL IN ACADEMICS AND EXTRACURRICULAR UNDER THE GUIDANCE AND MENTORING OF OUR FACULTIES, WHO ARE STRIVING TO INCULCATE THE BEST OF QUALITIES AS AN ENGINEER, AS A PROFESSIONAL AND AS A HUMAN BEING AMONG OUR STUDENTS

THIS NEWSLETTER ATTEMPTS TO GIVE YOU A SNEAK PEEK INTO THE VARIOUS CULTURAL, ACADEMIC, SPORTS AND LITERARY ACTIVITIES & ACHIEVEMENTS OF THE DEPARTMENT DURING THIS ACADEMIC YEAR IN OUR DEPARTMENT.

WE ARE THANKFUL TO OUR BELOVED PRINCIPAL SCOE, DR. MANJUSHA DESHMUKH FOR HER CONSTANT SUPPORT AND VALUABLE INPUTS AND WE LOOK FORWARD FOR YOUR SUPPORT AND FEEDBACKS THAT WILL HELP US TO IMPROVE.





## MISSION & VISION

### DEPARTMENT VISION





To achieve excellence in Civil Engineering and Technology by providing quality education through research

### DEPARTMENT MISSION


To create technically competent Civil Engineering graduates with highest ethics.

## PROGRAM EDUCATIONAL OBJECTIVES

To provide sound foundation in mathematical, scientific and engineering fundamentals necessary to analyze, formulate and solve engineering problems.

-  To develop core competency in students by imparting in depth theoretical and practical knowledge in civil engineering subjects.
-  To provide relevant engineering experience in designing and conducting experiments as well as analyzing the significance of the experimental data.
-  To provide training to exhibit effective interpersonal skills in teams and at work place.
-  To inculcate the habit of lifelong learning for career development through higher studies, professional development courses, industrial training etc.



-  To impart technical knowledge, ethical values for professional development of the students to solve complex problems and to work in multi disciplinary ambience, of whose solutions lead to significant societal benefits.

## PROGRAM OUTCOMES

At the end of the program a student will be able to:



- ✓ To apply knowledge in mathematics, science and engineering subjects.
- ✓ To identify, formulate and solve engineering problems.
- ✓ To conduct experiments to interpret data and analyze the results.
- ✓ To design system components or processes to satisfy the needs of the society within realistic constraints such as economic, social, political, health, safety and manufacturing.
- ✓ To function on multi-disciplinary teams.
- ✓ To understand professional and ethical responsibilities.
- ✓ To communicate effectively.
- ✓ To gain knowledge to understand the impact of engineering solutions in global, environmental and societal context.
- ✓ To understand the need and engage in life-long learning process.
- ✓ To gain knowledge on contemporary issues.
- ✓ To use techniques, skills and modern engineering tools necessary for engineering practices.



## FACULTY ACHIEVEMENTS

### ➤ MINOR RESEARCH PROPOSALS

Out of five R&D project proposals submitted to Mumbai University in June 2015, two proposals received grants from National funding agencies.

Prof. Roshni John received grants of Rs 40,000 from Mumbai University	
Prof. Rachel Gitty received grants of Rs 25,000 from Mumbai University	

### ➤ QUALITY IMPROVEMENT PROGRAM

DATE	FACULTY	TOPIC
5/1/16	Prof. Varsha Patil	Strengthening of columns
12/2/16	Dr. Rangarai	How to write Research papers
11/3/16	Prof. Radhika Joshi	Prestressed concrete
18/3/16	Prof. Harshal Pathak	Evaluation of best management practices by using hydrologic and hydraulic modeling.

Quality improvement program (QIP) was conducted by and for the faculty to enhance their teaching skills and to keep abreast of technology. Short presentations were given by faculties every week on Civil Engineering practices.

## IMPORTANT EVENTS

### DEPARTMENT EVENTS

#### ➤ WORKSHOP ON ETABS (30<sup>th</sup> and 31<sup>st</sup> Jan 2016)



A 2 day workshop on ETABS was organized for the ME students with an objective of providing the students an overview on Structural Analysis using ETABS. The workshop was conducted by Mr. Bhausahab Desai (Director of DESTECH Structural Consultants). At the end of the workshop the students were able to create a 3D model of RCC



building, apply loads, analyze and interpret the loads and also design and detail column, beam and shear wall.

➤ **ADD ON COURSE ON GEOTECHNICAL INVESTIGATIONS (15/2/2016)**

A two day workshop was conducted on “*Bearing Capacity of Shallow Foundation*” for TE students by Dr. Hegde.

Also on 18/2/2016, a special practical session was held by Mr. Vijay Patil, a retired Lab attendant from SPCE. The practical included Direct Shear Test, Unconfined Compression Test etc

➤ **TRAFFIC VOLUME STUDY**



A project on Traffic Volume Study was conducted for the TE on Sion Panvel expressway, Kharghar node.

This project enabled the students to determine the volume of traffic moving on the roads and classification of roadway vehicles at a particular section during a particular time.

➤ **SURVEY CAMP**

A survey camp was conducted for the SE students at Monteria Resort, Khopoli. The students conducted topographical survey and prepared topographical map of the area as per given technical specifications. This gave students an opportunity to improve theoretical and practical

knowledge in engineering surveying under actual field conditions.

➤ **ALUMINI MEET**



The Department conducted Alumni meet with an objective of promoting mutually beneficial interaction and encouraging them to take an active interest in the work and progress of SCOE. About 75 alumni attended the meet. They were welcomed by rose and memento and entertained by fun games and songs.

Dr. Manjusha Deshmukh, Principal (SCOE) and HOD Prof. Roshni John explained the significance of alumni reunion for the growth of the institution and the individuals. In response, few alumni shared their experience as well as interesting moments of campus life. A Picture Slideshow was run bringing upon a warm wash of nostalgia among the students and teachers alike. Towards the end, vote of thanks was delivered by Prof

D. M. Joshi. It was then followed by dinner and DJ.

### ➤ **MOU (15/02/2016)**

Two (MOU's) Memorandum Of Understanding was signed between SCOE and Des Tech Structural Consultants, CBD Belapur and SCOE and SYNERGY School of Business Skills (ICON CAD Education) with an aim of sharing knowledge to achieve excellence in teaching and Industry benefits.

### ➤ **B.E FAREWELL (29/04/2016)**



Civil Engineering Student Association hosted a grand farewell party "SENIOR PROM in the college lawn for the outgoing students. The event started with welcoming seniors with rose and memento, followed by motivational speeches by faculty and students. The seniors walked the ramp and also gave scintillating dance performances. Prom King and Prom Queen were felicitated and the 'Student of the year' award was bagged by Mr. Prathamesh Dingorkar. A very emotional and nostalgic 'Picture Slideshow' was run portraying the myriad memories graduating batch had on the campus. It was then followed by dinner and DJ.

## **INTERDEPARTMENT EVENTS**

### ✚ **NAKSHATRA INTERCOLLEGIATE FEST**



Various competitions like technical paper presentation, group discussion, debate, poster making, rangoli, graffiti, dance, singing, robotics, band performance, tug of war, traditional day, outdoor and indoor games were organized. The Civil Engg students participated with great enthusiasm and vigor and made the fest a big success.

### **WOMENS DAY CELEBRATION**





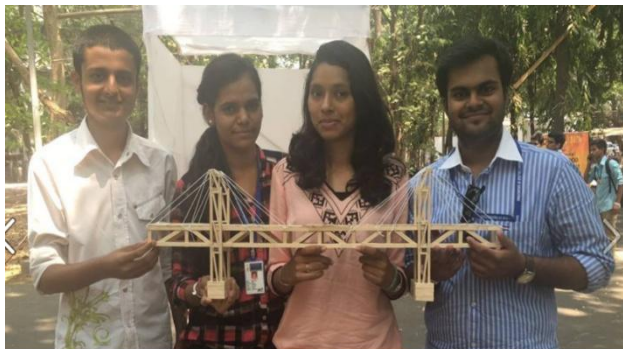
All the Departments paid a tribute to the spirit of being a woman on Women's day. There was an active participation on "Women's Day Celebration" by the faculty of Civil Department.

A very popular folk dance from Maharashtra, "lezim" was performed by all the faculties of Civil Engg Department. Also there was a Musical performance by Prof. Molly Mathew, Prof. Sujaya Wadekar and Prof. Mrunmyee Ganage and a Zumba dance performance on 'Gangnam Style' by Prof. Vaishali Kishan.

## STUDENT ACHIEVEMENTS



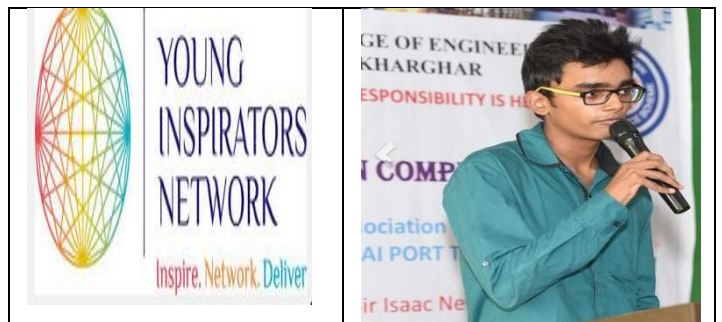
### • BRIDGE MAKING COMPETITION (IIT-B)



Anchit Sethia, Reeta Yadav, Veena and Akshay secured 4th position in All India -BridgeIT popsicle bridge making competition, held at IIT Bombay on 12/3/2016.

### • YIN GUARDIAN MINISTER

Akshay Raikar (TE) was elected as 'Guardian Minister' of Young Inspirators Network (YIN).



YIN is a voluntary alliance of young citizens striving for positive change within their individual, professional and societal spheres. It also utilizes youth's energy, social sense and innovative ideas for social reforms.

### • NATIONAL SERVICE SCHEME (NSS) :

About 15 NSS volunteers from SE and TE Civil Engineering Department have done a commendable job by adopting Dehrang village in Panvel and doing social work there. They were also involved in organizing Health Check-ups, Handwriting training sessions, spreading awareness on Traffic Safety and conducting Swachata Abhiyan in Kharghar with Rotaract Club. Recently they were involved in Mega Tree Plantation in premises of our college to appreciate the great benefits the trees provide us.



- **NATIONAL LEVEL PROJECT COMPETITION (07/04/16)**



About 40 groups participated in “Avishkar”, National Level Project Competition. Dr. Tejaswani Nalamutt (HOD of Pillai College of Engineering, Rasayani, Navi -Mumbai ) was the judge of Civil track .Project titled “*Viability of Sand Alternative*” by the following students of SCOE : Priyanka Lavate, Supriya Chavan, Hitesh Ladva, Akash Kandukuri bagged 2<sup>nd</sup> prize, and were awarded a cash prize Rs 3000.

## **NATIONAL CADD COMPETITION**

Nandkishore Ahire was selected for the last round of National CADD competition, organized by CADD centre.

- **TRAINING AND PLACEMENT**

We are extremely pleased and proud to announce that our department has done a splendid job in providing a great platform for students to participate in campus placement drive and that some of our students are placed in reputed companies. Following is a brief list of students who got placed:

Name		Placement
Aumkar S. Paradkar		Marathon
Rahul Satish Kadam		Marathon
Ankit Kumar Prasad		Marathon
Akshay Shrikant Ughade		Marathon
Shubham Dhakate	Umesh	Marathon



## **FORTH COMING EVENTS**




International Conference on Sustainable Development in Design & Manufacturing **JAN 12<sup>TH</sup> AND 13<sup>TH</sup> 2017**





## TOPPERS FOR ACADEMIC YEAR 2015-16

### UNDERGRADUATE LEVEL

SEM			
III	Muley Priyesh(9.86)	Bhise Atul (8.79)	Dalvi Pratik (8.57) Mhatre Pranay (8.57)
V	More Akshay (9.24) Netke Devand (9.24)	H. Mayuresh (9.2)	Mhamunkar Shubha (8.96)
V11	Dingorkar Prathamesh (9.70) Kadekar Sagar 9.70	Bhat Akshay (9.30)	Kadam Rahul (9.26)

### POSTGRADUATE LEVEL (Structural Engg)

SEM			
II	Prajapati Kapil (8.8)	Tank Ketan (8.73)	Naik Sonal (8.55)

## GRADUATING BATCH : 2015-16



## NEW FACULTY 2016-17)

On behalf of the Civil Engineering Department, we welcome the new faculty, to the family of *Saraswati College of Engineering*.

We wish them a long and fruitful career at SCOE and look forward for their contribution. We wish you all the best!

		
Dr. Priyanka Jadhav	Mugdha Agarwadkar	Priya Chintanwar
		
Vasundhara Gaikwad		Yugandhara Sontakke
		
Vaibhav Jadhav	Garima Nagpal	Swapnil Bihade

