

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

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# Newsletter

## FROM HOD'S DESK-

***The spirit of improvement is not always a spirit of liberty;  
For it may aim at forcing improvement on an unwilling people.***

*Mechanical Engineering is the largest of the engineering disciplines and a large number of mechanical engineers go into manufacturing of computer and electronic products, machinery and transportation equipments.*

*The department cares for student support, mentoring, tutoring, study skills workshops and career development. Mechanical Engineering students culminate their studies with a year-long capstone project requiring design problem solving, creative thinking, project planning and teamwork. A broad selection of technical electives encourages students to pursue special interests in design and manufacturing, energy and environmental issues, thermal and fluid sciences materials, dynamics & controls and robotics.*

*Prof. S.N.Teli.*



Editorial Board: Prof. S. N. Teli, Prof. M.B. Sorte, Prof. A.P.Deshmukh

## Programs Organized:

### ➤ Intercollegiate Cad Competition

Intercollegiate Cad Competition was arranged on the eve of foundation day of SCOE. Department got tremendous response for the event where students participated from the college of Navi Mumbai. The event was coordinated by **Prof. Saiprasad Shelke & Prof. Ajay Deshmukh**. The winner of competition was Student of our college **Mr.Chaitnya Waghode** (SE Mech). Event was sponsored by **CADD Centre vashi**.



### ➤ Industrial Visit :

Industrial Visits are important in any academic curriculum as they deliver information about application of knowledge that they are gaining during the period of 4 years of Engineering. It inspires students to work more hard and make them aware of challenges that stand in Industrial environment.

- **S.E.** students went to Goa and visited “**Western India Shipyard Ltd**” to gain the practical knowledge of how the ship gets repaired over the Sea Platform.



- **ME** Student along with the entire senior Faculty went to visit “**Topwarth Group Ltd.**”
- This visit is especially for experiencing the modern trends in Manufacturing Industry.
- It was wonderful experience to visit the plant in running condition as well as experience one of the modern Automated Manufacturing technologies.



### ➤ Fresher's Party

Fresher's party was held for newly admitted students of Mechanical Department



### ➤ Teacher's Day

MESA organized various events for faculties on Teacher's day.



MESA President Mr. Vineel Yadav felicitating Prof. S. N. Teli, HOD of Mechanical Department on occasion of Teacher's Day

### ➤ Seminars

Expert Lectures and Seminars are arranged where experts from various Organizations and Industries provides valuable Information about recent trends and advancement in their field of Interest

- Seminar delivered by Dr. B.B. Shrivastava "Nano Science and Technology" dated coordinated by Prof. T.Z.Qazi



- Seminar delivered on "Importance of Design and CAD Software" by CADD Center, Vashi dated 17<sup>th</sup> September 2012



- Seminar delivered on "Leadership Qualities and Initiatives" by Mr. Ramesh Waghode (Senior General Manager, R&D, M & M) dated 27<sup>th</sup> October 2012



- Expert lecture delivered by **Mr. Mukhopadhyay** (Research Scientist) BARC, Mumbai on Fluid Mechanics and Heat And Mass Transfer.



### ➤ Expertise and Publication's

- S.N.Teli, Dr. V.Majali, Dr. U.M. Bhushi Prof. Vinod Surange published paper on "Assessment of cost of poor quality for automobile industry" at International general of engineering research and applications. Nov-Dec 2012
- S.N.Teli, Dr. V.Majali, Dr. U.M. Bhushi, L.M. Gaikwad, "Supplier performance evaluation and monitoring through PPMEQ to reduce quality cost", International Journal Of Global technology issues -2nd December 2012
- S.N.Teli, Dr. V.Majali, Dr. U.M. Bhushi, Sanjay Patil, "Automotive product development process strategy by integrating six sigma to reduce the cost of quality", IOSR journal of Mechanical And Civil Engineering (Nov-Dec 2012)

- S.N.Teli, Dr. V.Majali, Dr. U.M. Bhushi, Dr. A.S. Deshpande, “Knowledge base supplier quality management system for automobile System for automobile industry”, International journal of engineering Innovation and Research July-2012
- S.N.Teli, Dr. V.S. Majali, Dr. U.M. Bhushi, Sanjay Patil “Developing a knowledge Management strategy to reduce cost of Quality for Automobile Industry” International Journal Of Research In Commerce, It & Management (Issn 2231 – 5756) July 2012
- Prof. Quazi Deliver Expert lecture on “Emerging trends in Robotics & Automation” for one week . event was STTP approved by ISTE & MSBTE and organized by Abdul Razzak Polytechnic.
- Prof. Quazi Published Research paper at National Conference organized by LTCOE, Navi Mumbai.

### ➤ Students Achievements

- National Paper Presentation TECHXTER 2.0 held at SIES GST ,Nerul, Paper presented on “ Harnessing Electricity from Kinetic Plates” By Mihir Lele, Akash Naik, Deepika Negi.
- BAJA SAE India 2012- Virtual Presentation (Design) at Bangalore in August 2012 and got selected for final rounds. Final event will be held in Pritampur, Madhy Pradesh at NATRIP facility from 14<sup>th</sup> Feb – 17<sup>th</sup> Feb 2013



- NSSC IIT Kharagpur (Kolkata) – Event (Water Rocket launching competition) Participated by Prabhakar Sugreev Kharate ( BE Mech) in year 2012.

### • Basket ball Achievements

- Intercollegiate University tournament- 6<sup>th</sup> Rank
- NIFT - runner’s up
- Enthusia 2012 – 1<sup>st</sup> Rank
- Represent District in Inter-District basketball tournament
- Represent Western Region in National Hansraj Tournament.

### ➤ Academic Record for the year 2011-2012

- BE Mechanical – 91%
- TE Mechanical – 75%
- SE Mechanical – 55%

### ➤ Toppers

- BE Mech- Vishwakarma Nilesh T.S.
- TE Mech- Gaurav Milind M.
- SE Mech- Padle Jitendra S.

### ➤ Our New Faculties

We take this opportunity to welcome our new faculties

- Mr. Bhanu P. Hada
- Mr. Ajay Deshmukh
- Mr. Saiprasad Shelke
- Mr. Nishant Mankame
- Mr. Jalal Khan
- Mr. Nikhil Katkar
- Mr. Shabaz Shaikh
- Miss. Swapnali Pawar
- Mr. Atul Gargade

### ➤ Upcoming Events

- ISHRE program and seminar
- SAE Competition Final Round
- National Level Design competition
- “Nakshatra 2013” Event Head Prof. M.B. Sorte under guidance of Prof. S.N. Teli.