

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

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Volume 7 (Jan 2012 – July 2012)

Newsletter



FROM HOD'S DESK

Mechanical engineering is a creative discipline drawing on basic sciences to design devices, machines, processes and systems that involve mechanical work and its conversion from, and into, different forms of energy, including advanced automotive propulsion systems. The department allows ready access to researcher programs during the early years of education, permitting rich opportunities to combine theory and practice in order to produce a well balanced and highly recruited engineering graduate.

Our respected, full-time faculty members teach the majority of the classes taken by our undergraduates, providing the proper balance of sound basic knowledge and cutting edge technological insight necessary to produce strong technological leaders.

-Prof S.N Teli

Editorial Board: Prof. S. N. Teli, Prof. T.Z. Quazi, Prof. M.B. Sorte, Prof. N. P.Mankame

Programs Organized:

1. Parents teacher meet

NINETY ONE Parents were present for PTM.

Toppers are felicitated by distributing Certificates

Following points are drawn after analysis of feedback forms:

- Parents feel that Parents Teacher meet should be organized once in a Semester.
- Parents wish to have their ward's report by post.
- Parents feel their ward's progress satisfactory after admission to SCOE.
- Parents feel teaching standard in the department is excellent.
- Parents feel facilities available in the department are excellent
- Parents feel personal attention of faculties & interaction with their ward is excellent

The meeting was intended to have involvement of parents along with the teachers in the education of students. In open discussion liberty given to all parents to express their views and expectation from college, departments. Satisfactory answers were given by Hon Principal Prof S.N.Teli, Head of Department T.Z.QUAZI & by Academic Incharge Prof M.B.Sorte .



2. 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.

- T.E. and B.E students went to Chandigarh and visited "Punjab Energy Development Agency".
- Members of SAE India visited Antony Garage, Rasayani.



3. Formation of SAE Club:

Mechanical Department started SAEIndia Collegiate Club which provides membership to students to participate within various racing events taking place under SAE India.



A Team of 25 students, "PRAHAAR" have participated in BAJA race.

4. SEMINARS

- Seminar on “**Nano Science and Technology**” was successfully organized by Department of Mechanical Engineering on 23rd August 2012. This was the third program in the ongoing series of seminar on “**Technology for the Benefit of Mankind**”



The goal of this seminar was to educate the faculty in both technology and science in the nanometer scale and to instill a deep understanding of this field that originates from the various disciplines. This Seminar was an outcome of initiative taken by Hon Principal **Dr. B.B. Shrivastava** under the dynamic leadership of Head of Mechanical Engineering Department **Prof. S.N. Teli**. The Seminar was **coordinated** by **T.Z. QUAZI** with support from core team members **Prof. M.B. Sorte, Prof. A. Ranveer, Prof. Nishant Mankame** & all non-teaching staff members. Seminar was attended by more than 80 teaching faculties of all degree departments

- On Day Workshop on “**Vehicle Dynamics**” was held on 27th March 2012 & Expert Lecture delivered by **Prof. V. Kumar** (Chairman, SAE India Western Section, Pune)

PUBLICATIONS :

- **S.N. Teli, Dr. V. Majali, Dr. U.M. Bhushi, Dr. A.S. Deshpande**, “Knowledge based Supplier Quality Management System for Automobile Industry”, International Journal Of Engineering Innovation And Research (IJEIR) ISSN : 2277 – 5668
- **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
- **S.N. Teli, Dr. V.S. Majali, Dr. U.M. Bhushi K.S. Hatti** “Vendor Relationship Management strategy development Process for Automobile Industry to reduce the cost of quality” ,The International Journal’s Research Journal of Science & IT Management ISSN: 2251-1563 Volume: 01, Number: 08, June-2012
- **Prof. S.N. Teli, Dr. V.S. Majali, Dr. U.M. Bhushi** Cost Of Quality In Automotive Industry & Essence Of Knowledge Management JM International Journal Of Management Research (JMIJMR) ISSN:2229-4562 Volume-.2 Issue - 3 March 2012
- **T.Z. QUAZI** “A case study on Gas Recovery Unit for R-22” at the International Conference on Mechanical and Industrial Engineering held at Bangalore on 22nd July, 2012. ISBN:978-93-81693-70-4
- **Mr. M. B. Sorte** presented a **two** research paper at an international conference organized by YTCOE at Karjat, Maharashtra on February 2012.
- **Mr. M. B. Sorte** selected **two** research papers at an international conference organized by SPCOE at Mumbai, Maharashtra on June 2012.
- **Mr. M. B. Sorte** selected/submitted two Journal paper at IIIE Journal on February 2012 and August 2012.

Staff Developments:

1. **Prof S.N.Teli** and **Prof T.Z.QUAZI** became Approved Teacher for Mumbai University Post Graduate Course in Mechanical Engineering.
2. Prof.S.N.Teli attended NAAC sponsored National Seminar on **Best Practices for Enhancement of Institutional Quality and Excellence** organized by, Internal Quality Assurance Cell, Nirma University, Ahmadabad on May 24th-25th, 2012
3. **Prof T.Z.QUAZI** attended Staff Development Program on **“Excellence in Maintenance Engineering”** organized by Production Engineering Department, College of Engineering, Pune during December 12-24, 2011.
4. **Prof T.Z.QUAZI** has attended National Seminar on "Emerging Technologies in Micro/ Nano Manufacturing", 12-14 June 2012 at Defense Institute of Advance Technology Pune
5. **Prof T.Z.QUAZI** Participated in the One Day Seminar on **“Research Avenues and Challenges in Higher Education”** organized by the University of Mumbai at Pherozeshah Mehta Bhavan, Kalina Campus on 18th November, 2011.
6. **Prof T.Z.QUAZI & Prof M.B.SORTE** Worked as Subject Expert for Mumbai University's Syllabus Revision of M.E (Manufacturing systems engineering).
7. **Prof T.Z.QUAZI & Prof M.B.SORTE** has attended University of Mumbai Question Paper Bank Development meet at K.J.Somaya, Mumbai.
8. **Prof T.Z.QUAZI & Prof M.B.SORTE** has attended University of Mumbai meeting of Credit Points & Grading Systems for Post Graduation.
9. **Prof L.M.Gaikwad** attended 10 days workshop on **“Research Methodology”** conducted by IIT Mumbai & MHRD, organised by Bhartya Vidyapeeth from 26 July 2012 to 04th August, 2012
10. **Prof V.G. Surange, Prof P. More, Prof M. Kadam, Prof N. Channewar** has attended ISTE approved short term training Programme on **“Finite Element Analysis”** from 2nd January to 6th January 2012 at Bhartya Vidyapeeth

Students Achievement:

- Team “Prahaar”, consisting of 25 members, guided by **Mr. Chinmay Patil**, of SAEIndia Collegiate Club presented the **Design of a Mini Baja Buggy** at **Baja SAE India Virtual Design Presentation** Event held at **Bangalore Institute of Technology Bangalore** during 24th & 25th August 2012. They qualified amongst final 120 teams from overall 278 teams from all over India.



- BE Mechanical Student's Team from 08-12 batch consisting of **Nikhil Katkar, Digvijay Babar, Roshan Sohal and Mahesh Agiwale** guided by **Mr.M.B.Sorte** presented their project “Dual operative Bicycle” in Micro innovation League and won 2nd prize with prize money of 25,000/-. Overall 43 teams had participated.
- **Yogesh K.Mhatre, Ganesh V.Jadhav, Yogesh R.Jagtap, Sanket A.Bhandarkar** presented Research Paper entitled **“A case study on Gas Recovery Unit for R-22”** at the **International Conference on Mechanical and Industrial Engineering** held at Bangalore on 22nd July, 2012 under guidance of **Prof T.Z.QUAZI**.



2008-12 B.E.(Mech)Fifth outgoing batch

Upcoming Events :

1. **CAD Tech 2012** an Intercollegiate Modeling Competition
2. **YAMAHA INDIA** safety drive
3. **SAE INDIA** introduction talk
