



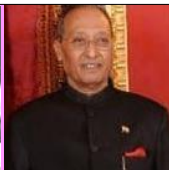
Shram Sadhana Bombay Trust's
COLLEGE OF ENGINEERING & TECHNOLOGY, BAMBHORI, JALGAON

DEPARTMENT OF MECHANICAL ENGINEERING

GRAVITY

Volume VI

Newsletter: Jan 2015 – Jun 2015



- Lush Green 25 Acre Wi-Fi Campus
- IEDC Cell
- 14000 sq. ft. A/C Library
- Separate Boy's & Girl's Hostel
- Nationalized Bank & ATM
- Hi-Tech Gym & Yoga Center
- Shram Sadhana Research Promotion Scheme

VISION

Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.

MISSION

To produce conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

DEPARTMENT VISION

To nurture the students by providing high quality broad based technical education for global societal development and continuous improvement in value added knowledge

DEPARTMENT MISSION

To cultivate a conducive environment through teaching, application specific learning and services to foster the technical critical thinking ability of the students as well as the faculties to contribute for developing global mechanical engineering professionals and well-being of the society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. Core Knowledge: The mechanical engineering graduates will have the knowledge of basic science, engineering skills, humanities, social science, management, conceptual and practical understanding of core mechanical engineering area with project development.

2. Employment: The mechanical engineering graduates will have the knowledge of Industry-based technical skills to succeed in entry level engineering position at various industries as well as in academics.

3. Professional Competency: The mechanical engineering graduates will have the ability to communicate effectively in English, to accumulate and disseminate the knowledge and to work effectively in a team with a sense of social awareness

PROGRAM OUTCOMES (POS)

1. An ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to the discipline
2. An ability to analyze a problem, identify and formulate the mechanical engineering requirements appropriate to its solution
3. An ability to design, implement, process and component to meet desired needs with appropriate consideration for public health, safety, cultural, societal and environmental considerations
4. An ability to design and conduct experiments as well as to analyze and interpret data
5. An ability to use current techniques, skills, and modern tools necessary for mechanical engineering practice
6. An ability to analyze the local and global impact of mechanical engineering tasks on individuals, organizations and society
7. Knowledge of contemporary issues
8. An understanding of professional, ethical, legal, security, social issues and responsibilities
9. An ability to function effectively individually, on teams, including diverse and multidisciplinary, to accomplish a common goal
10. An ability to communicate effectively with a range of audiences
11. An understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects
12. Recognition of the need for and an ability to engage in continuing professional development

DEPARTMENTAL EVENTS



YEN-TANTRA 2015-ONE DAY EVENT
(14/02/2015)



Alumni Meet at Pune 16 Feb-2015

TOPPERS OF THE DEPARTMENT (DEC 2014)

| BE | | |
|------|---------------------|-------|
| Rank | Student Name | CGPA |
| I | PATIL VIVEK SANJAY | 69.2 |
| II | THAKRE SAGAR NANA | 68.93 |
| III | PATEL DEVANG PANKAJ | 68.4 |

| TE | | | SE | | |
|------|------------------------|------|------|-------------------|------|
| Rank | Student Name | CGPA | Rank | Student Name | CGPA |
| I | SHAKIB ANWAR SHAIKH I. | 8.79 | I | THAKKAR ASHWIN P. | 8.78 |
| II | BADGUJAR VAISHALI V. | 8.68 | II | ZAMBARE NIKHIL N. | 8.35 |
| III | PATIL PRANJALI V. | 8.41 | III | ASHISH KUMAR | 8.22 |

TRAINING & PLACEMENT CORNER(2014-2015)

| Sr.No. | Name | Package | Number of students placed |
|--------|--------|---------|---------------------------|
| 1. | HONDA | 6.8LPA | 01 |
| 2. | FACE | 2.64LPA | 02 |
| 3. | GENPAC | 1.8LPA | 02 |
| 4. | NCORD | 1.2LPA | 09 |
| 5. | YEPPE | 1.02LPA | 04 |
| TOTAL | | | 18 |

STUDENT ACHIEVEMENTS – CO-CURRICULAR GATE 2015

| Sr.No. | Name of Student | GATE SCORE |
|--------|-------------------|------------|
| 1. | Ravi Kumar | 50.65 |
| 2. | NikhilkumarKoshti | 37.98 |
| 3. | AdityaPrakash | 36.98 |
| 4. | AmodkarHemant | 35.65 |
| 5. | KharcheTushar | 32.73 |
| 6. | ShelkeVivek | 30.43 |

▲ COMPETITIONS ▲



ROBOCON-15



SAE BAH

FACULTY ACHIEVEMENTS

Journals:

- 1) P.P. Patil, Dr. D.S. Deshmukh, published a research paper entitled “Design Considerations for Flat Plate Solar Water Heater System” in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT), ISSN (Print) 2277-7261 and ISSN (on-line):2278-3857, Page No. 21- 25, Volume 3, No.2, June, 2015.
- 2) D.C. Talele, Dr. D.S. Deshmukh, and P.M. Solanki published a research paper entitled “Design Considerations for Thermoelectric Generator Performance Improvement: A Critical Review” in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT), ISSN (Print) 2277-7261 and ISSN (on-line):2278-3857, Page No. 26- 31, Volume 3, No.2, June, 2015.
- 3) P.M. Solanki, Dr. D.S. Deshmukh, and D.C. Talele published a research paper entitled “A Critical Review on Operating Variables of Solar Thermoelectric Power Generator” in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT), ISSN (Print) 2277-7261 and ISSN (on-line):2278-3857, Page No. 49- 54, Volume 3, No.2, June, 2015.
- 4) M.V. Kulkarni, Dr. D.S. Deshmukh published a research paper entitled “Design of Experiment for Solar Water Heater Performance Analysis” in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT), ISSN (Print) 2277-7261 and ISSN (on-line):2278-3857, Page No. 55- 60, Volume 3, No.2, June, 2015.
- 5) K.G. Girase, N.K. Patil, and Dr. D.S. Deshmukh, published a research paper entitled “Comparative Stress Analysis using Ansys Software for Different Tires Performance Evaluation” in Pratibha: International Journal of Science, Spirituality, Business and Technology (IJSSBT), ISSN (Print) 2277-7261 and ISSN (on-line):2278-3857, Page No. 83- 86, Volume 3, No.2, June, 2015.
- 6) Aniket A. Nerlikar, Pravin B. Rane, Nikhil B. Dhake, Harshit Sharma, Roshan R. Surwade, Mr. A. R. Bharadwaj published a research paper entitled “ Poratable Air Compressor Using DC Power: A Study” in International Journal of Engineering Trends and Technology (IJETT), ISSN 2231-5381, Page No. 287-289, Volume No. 21, March 2015.

PHOTO GALLERY



VASANTUTSAV-15



SSBT FEST-2015 (01/04/2015)

COMMITTEE



Dr. D. S. Deshmukh



Er. N. K. Patil



Er. M. V. Rawalani