



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO
EVERY DESIGN.

2017

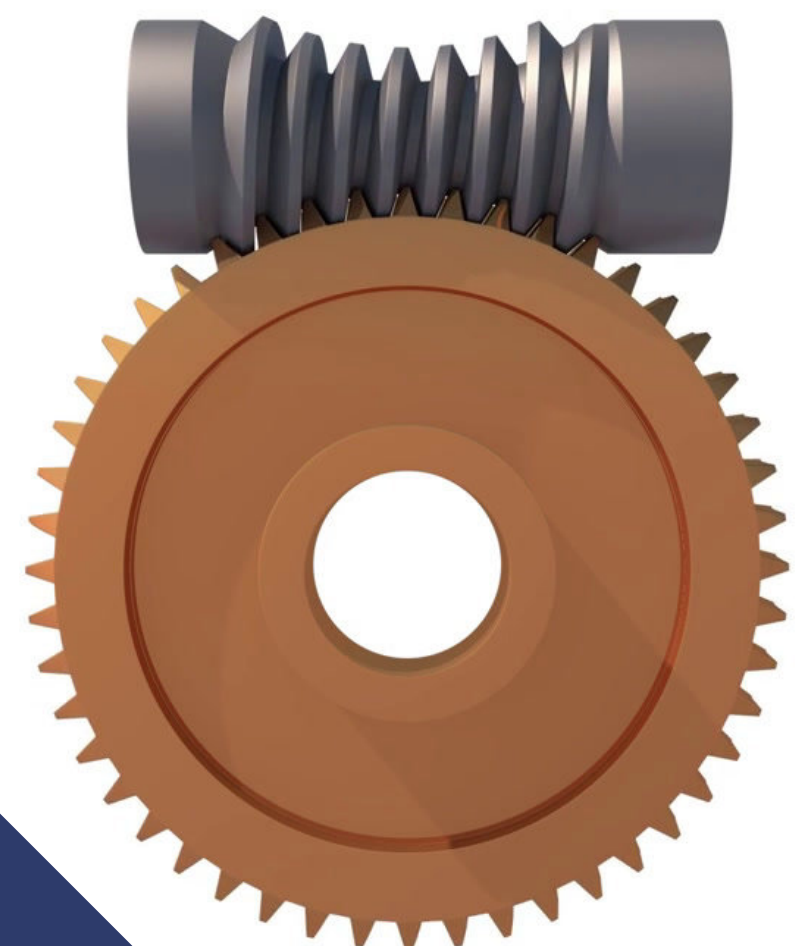
ISSUE 2

VOLUME 2



MECHANICAL ENGINEERING
DEPARTMENT,

ADITYA SILVER OAK INSTITUTE
OF TECHNOLOGY



VISION OF THE DEPARTMENT

To be recognized as a competitive, innovative and prominent research-based branch which can help students in disseminating and preserving technical knowledge.

MISSION OF THE DEPARTMENT

- 1.To provide quality education for the students to build their knowledge and skill (knowledge, Skill and quality) .
- 2.Promote and support research facility for collaborative environment and create opportunities. (Research)
- 3.Provide to the students with the academic environment of excellence, entrepreneurship ,leadership, ethical guideline and lifelong learning needed for a long productive career. (Professionalism Ethics and Life-long Learning)

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: To apply the fundamental knowledge of Design, Manufacturing and Thermal Engineering.

PEO2: To impart a knowledge and skill for design and analysis using theoretical as well as software approach.

PEO3: To manage & develop mechanical component using conventional, non-conventional and computer aided manufacturing processes.

PEO4: To grow professionally in their career by life-long learning through continued education of technical and managerial skills also by membership & certifications of professional organizations.

PROGRAM SPECIFIC OUTPUT

PSO1: Graduates of the program will achieve excellence in product design, thermal engineering and manufacturing system by acquiring knowledge in mathematics, science, technology and designing principles.

PSO2: Graduate will develop an approach to solve multidisciplinary problems of manufacturing and allied industries.

PSO3: Manage Mechanical engineering processes by selecting and scheduling relevant equipment, quality control techniques, and operational parameters.

EXPERT TALK ON ADVANCE HEAT TREATMENT PROCESSES



3rd semester 98 Mechanical students have attended Expert talk on Advance Heat treatment Processes at 30th August 2017. Students know the advance AHM processes like plasma Nitriding, Carburizing, through hardening in Bearing. AHM is very much useful to all automobile sectors. Presently AHM is the highly growing heat treatment process to maintain a life cycle of material.



ASME AWARENESS PROGRAM

Aditya Silver Oak Institute of Technology had organized an "ASME Awareness Program" for the 2nd and 3rd year students on 26/08/2017. Into event more than 150 students and mechanical department faculty are join. Aim of the program was to connect student with the outer world competition and make the familiar about the benefits of American Society of Mechanical Engineers.

The American Society of Mechanical Engineers (ASME) is a professional association that, in its own words, "promotes the art, science, and practice of multidisciplinary engineering and allied sciences around the globe" via "continuing education, training and professional development, codes and standards, research, conferences and publications, government relations, and other forms of outreach." ASME is thus an engineering society, a standards organization, a research and development organization, a lobbying organization, a provider of training and education, and a nonprofit organization. Founded as an engineering society focused on mechanical engineering in North America, ASME is today multidisciplinary and global. Into ASME 1,30,000 members in 158 countries. ASME runs the Student Professional Development Conference (SPDC), which allows students to network with working engineers, host contests, and promote ASME's benefits to students as well as professionals. SPDC conferences are held in North America and internationally. The location for each district changes every year.

Students Competitions:

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Human Powered Vehicle Challenge (HPVC)

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Student Design Competition (SDC)

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Innovative Design Simulation Challenge (IDSC)

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Innovative Additive Manufacturing 3D Challenge (IAM3D)

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Old Guard Competitions

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Innovation Showcase (Ishow)

ASME AWARENESS PROGRAM



This events guest are expert in Awareness.

Expertlist:

1. Dr. Siddharth Jadeja
2. Mr. Nishant Trivedi
3. Mr. Nawaz Ghodi
4. Mr. Karan Desai

They all have skills of Leadership, Creativity, Team working, Problem solving, Project solving, Project planning, Event Management and Analysis.

STUDENT EDITOR

**SMIT PRAJAPATI
YATARTH KANSARA
PARVIN KALAL**

CHIEF EDITOR

HITESH PRAJAPATI