



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN.

2018

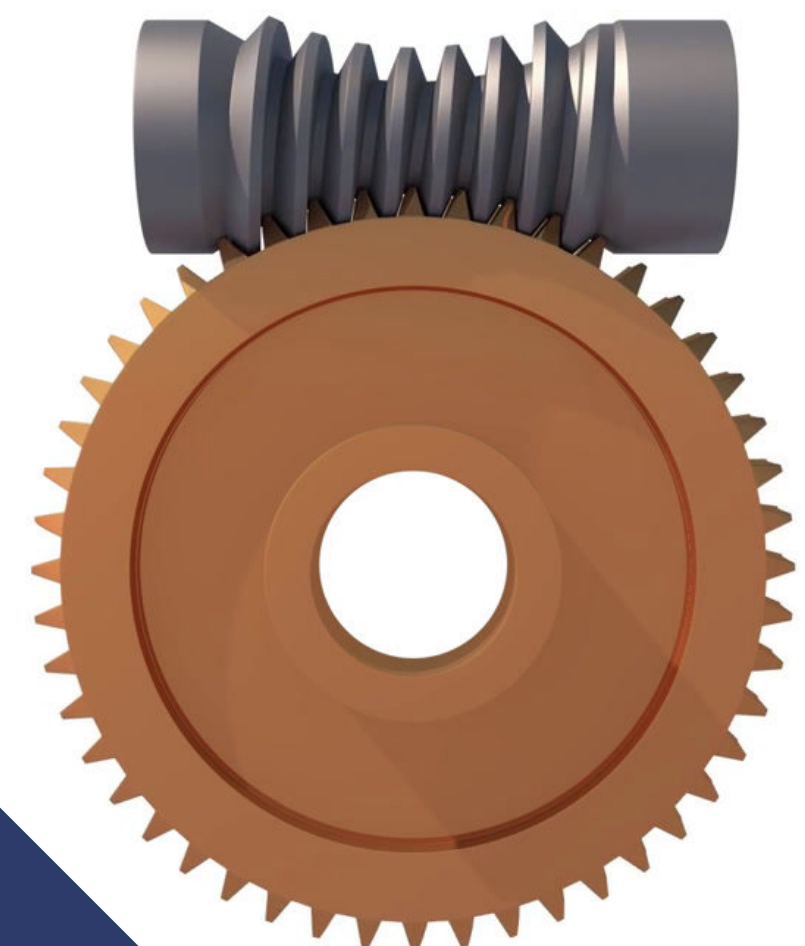
ISSUE 4

VOLUME 1



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.

POSTER PRESENTATION AT INTERNATIONAL CONFERENCE ON PLASTINDIA 2018



The students of ASOIT Mechanical 4th semester represented their poster at international conference of plastindia on 7th Feb 2018. There were 3 posters which include 1 research paper & 2 review papers. Students represented their work at international level in front of all experts and delegations present in the conference. Students also attended the expert talks, conferences, pannel discussions and interacted with the experts present there.

- Poster Topics - Study on parameters of injection moulding process.
- 3D printing of collar bone.
 - Recycling of plastic material.



CENTRE OF EXCELLENCE SIMENS TRAINEE PROGRAM

Department of Mechanical engineering, Aditya Silver Oak institute of technology, had planned a Simens Trainee program under the hood of PDPU, Design tech and DST. There are 83 courses which is offered at centre of excellence. The training started on 6th Jan-2018, every Saturday 6 hr. in PDPU.

4th semester-Mechanical students to take a training of Automation courses,CAM-NX Manufacturing & CAD-NX manufacturing . In the course of automation there are two module, one is Basics of SCADA and Second is Basics of PLC. The duration of the trainee is 50 hr for each of the courses.

Advisor

Dr. S B Jadeja
Principal-ASOIT,Ahmedabad.

Dr. Vimal Savsani
Head-Simens centre-PDPU,Gandhinagar.

Faculty Co-ordinators

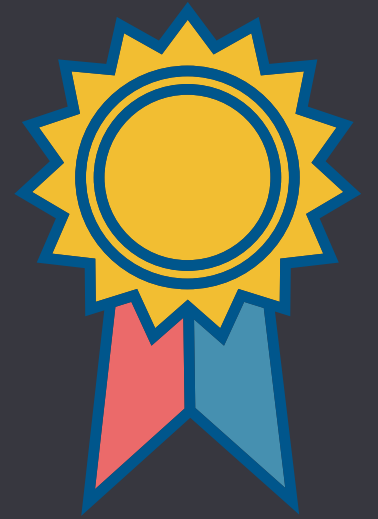
Prof. Rushil Shah
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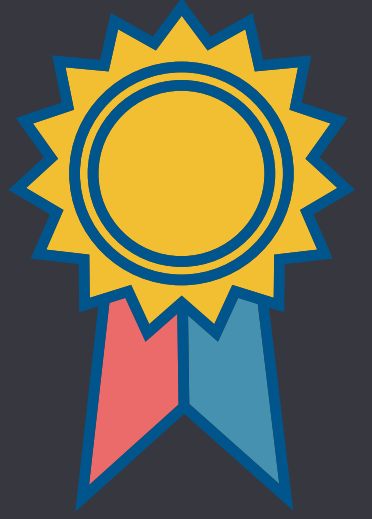


2018, 1ST EDITION



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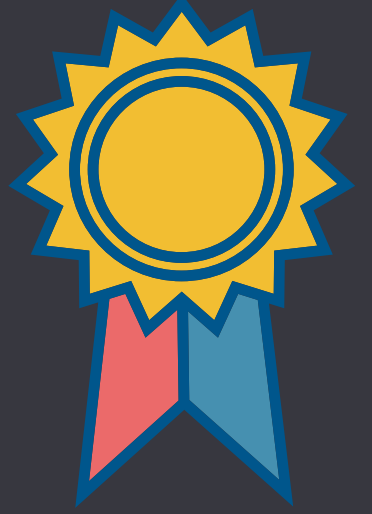
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