



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN.

2019

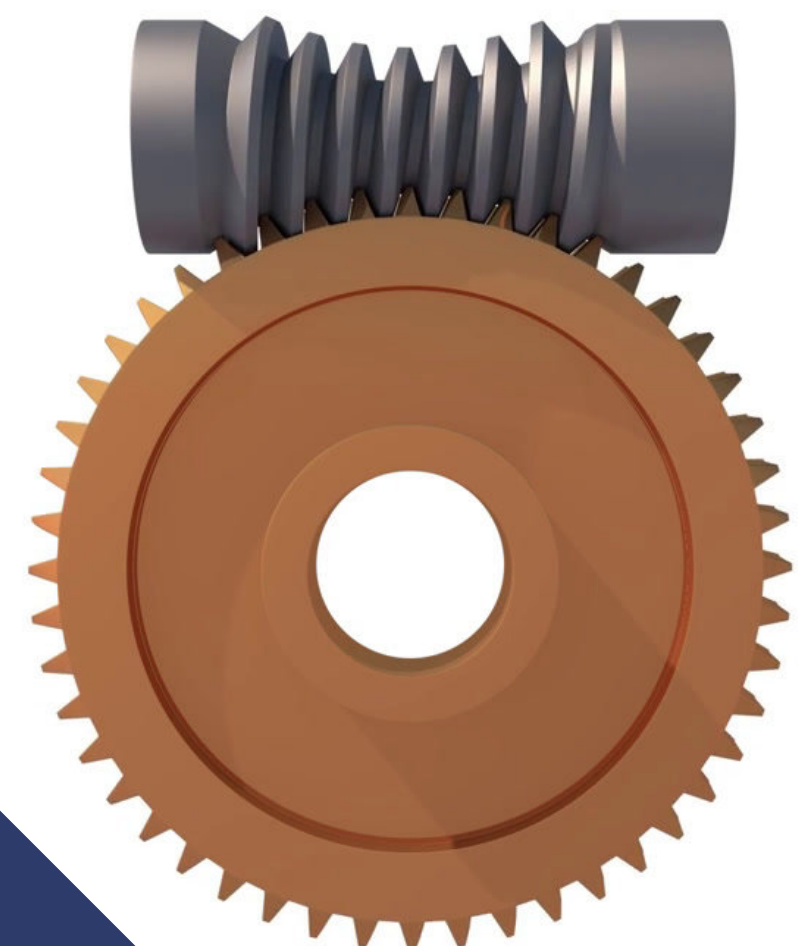
ISSUE 7

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.



ASME'S HUMAN POWERED VEHICLE CHALLENGE (HPVC) ASIA PACIFIC

2019

Practical Exposure of Theoretical Knowledge

Students of Mechanical Engineering Department of Aditya Silver Oak Institute of Technology, Ahmedabad, Gujarat have participated in ASME's Human Powered Vehicle Challenge (HPVC) Asia Pacific and secured the 3rd rank Men's Speed Event among all the colleges of Asia Pacific region which was organized by ASME (American Society of Mechanical Engineering) and hosted by the Vellore Institute of Technology (VIT) Vellore, Tamil Nadu, India on February 1-3, 2019.

Team "INFINITY" of Mechanical Engineering Department, ASOIT Ahmedabad had developed an HPVC (Human Powered Vehicle) with lots of hard work (4 months) & through persistent practice to built efficient, highly engineered vehicles for everyday use from commuting to work, to carrying goods to market. Team "INFINITY" achieved the milestone beating the well-known colleges like, IIT Patana, IIT Roorkee, NIT Silchar, VIT Vellore in the history of ASME's Human Powered Vehicle Challenge (HPVC) Asia Pacific.



ASME'S HUMAN POWERED VEHICLE CHALLENGE (HPVC) ASIA PACIFIC

2019

Practical Exposure of Theoretical Knowledge

Endurance Event i.e. Final Race was having the HPV racing for 2 and half hour on 1.6 Kms in pitch of much difficult track with Zig-Zag path section, quick turn, Rumbled strips, and sharp turns. INFINITY kept on chasing 3 to 4 HPV during first lap and at the end team secured 7 th rank in Endurance Event. Team Captian Sachin Trivedi and other members of team say that without support of Student Advisor Dharmik Gohel , Harsh Patel , Viral Soni , Tarik Desai , Faculty Advisor Prof. Rushil Shah , Prof.Hardik Shukla , Dr. Pina Bhatt and management they cannot achieve the milestone.





sweet memories

AT VELLOR INSTITUTE • FEB 1-3, 2019



DESIGN ENGINEERING

Mechanical Engineering Department of Aditya Silver Oak Institute of Technology organised One Day Seminar on Design Engineering by Prof. Karmjitsinh Bihola on 23rd February, 2019. This seminar was arranged for faculties where 22 faculties from SO CET & ASOIT actively participated. This seminar was arranged with the aim of basic awareness about design engineering and its importance. Expert covered key points about how to guide students towards creative thinking and model making during their DE project.



07

jan
2019

EXPO VISIT ENGI'19

THE STUDENTS OF ASOIT MECHANICAL 6TH SEMESTER VISITED ENGI EXPO ON DATE OF 07 JAN 2019. MORE THAN 60+ STUDENTS VISIT THIS EXPO. MORE THEN 10+ DIFFERENT CATEGORIES OF ENGINEERING DOME WHICH IS COVER WELDING & AUTOMATION, ACCESSORIES, MACHINE TOOLS, SOLAR ,PLASTIC & PRINTING AND MANY MORE. ENGI EXPO IS GIVING A SUPERIOR PLATFORM FOR THIS INTERACTION.

FEATURED PHOTOS



INDUSTRIAL VISIT AT INDO GERMAN TOOL ROOM

4th Sem Mechanical 40 students visited INDO GERMAN TOOL ROOM, Ahmedabad on 12/01/2019.



Purpose of Visit:

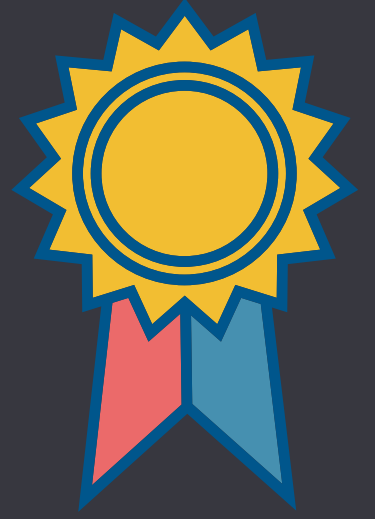
- The main aim of industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.
- Through industrial visit students get awareness about new technologies. After visiting an industry students can gain a combined knowledge about theory and practical.
- Students will be more concerned about future having an industrial visit. By such industrial visit students get practical exposure to work in an Industry.





CONGRATULATION

TO OUR TOPPERS OF 3RD SEMESTER



RANK 1

NAME:- PANCHAL RUTVIK HARESHKUMAR

EN NO.:-171200119024

SPI :- 8.15



RANK 2

NAME:- PATEL TIRTH MAYUSHBHAI

EN NO.:-181203119022

SPI :- 8.08



RANK 3

NAME:- PRAJAPATI NIKUNJ H.

EN NO.:-171200119034

SPI :- 7.91



RANK 3

NAME:- RAVAL NAMAN PIYUSHKUMAR

EN NO.:-171200119036

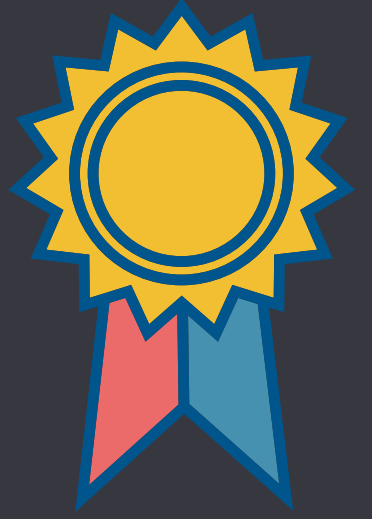
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CONGRATULATION

TO OUR TOPPERS OF 5TH SEMESTER



RANK 1

NAME:- PANCHOLI MEET HEMANTKUMAR

EN NO.:-171203119012

SPI :- 8.45



RANK 2

NAME:- PATEL YASH MUKESHBHAI

EN NO.:-171203119020

SPI :- 8.29



RANK 3

NAME:- PATEL NAYANKUMAR A.

EN NO.:-161200119523

SPI :- 8.19



RANK 3

NAME:- PARMAR ROHIT MOHANBHAI

EN NO.:-171203119015

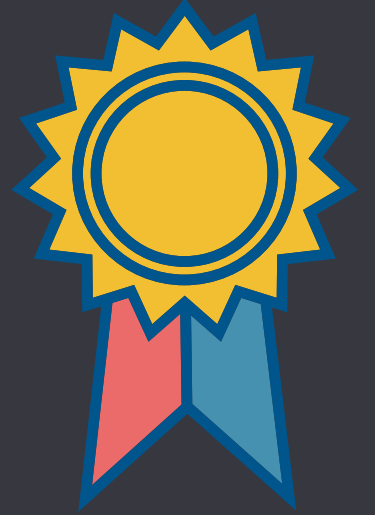
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CONGRATULATION

TO OUR TOPPERS OF 7TH SEMESTER



RANK 1

NAME:- PRAJAPATI MUKESH FULAJI

EN NO.:-151200119046

SPI :- 9.13



RANK 2

NAME:- PATEL MEETKUMAR BHARATBHAI

EN NO.:-161203119538

SPI :- 8.97



RANK 3

NAME:- GANDHI MEET HITENDRABHAI

EN NO.:-151200119010

SPI :- 8.67



STUDENT EDITOR

**ATRI DAVE
FAISAL SHAIKH
NISARG PANDYA**

CHIEF EDITOR

RUSHIL SHAH