



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN.

2018

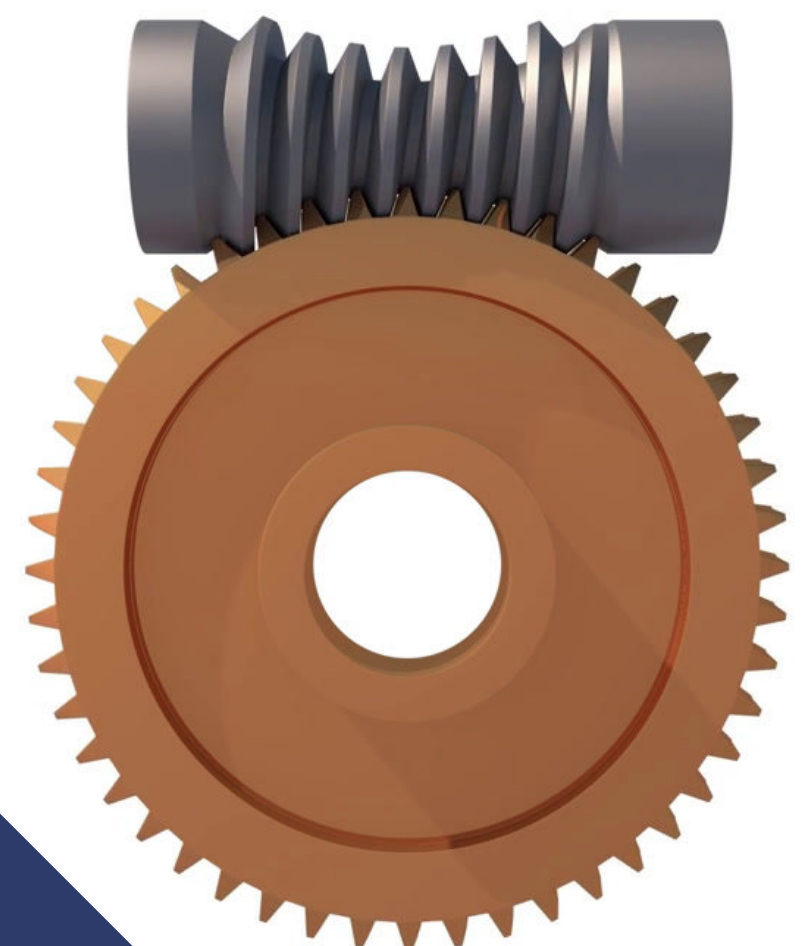
ISSUE 6

VOLUME 3



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.

A GATHERING OF STALWARTS : AN INTERACTION BETWEEN STUDENTS AND PROFOUND IGI EXPERTS



The ASME (American Society of Mechanical Engineers) is a non-profit membership organization meant for the betterment and development of individuals in the engineering field. From college students and early-career engineers to project managers, corporate executives, researchers and academic leaders, ASME's members are as diverse as the engineering community itself. With a mission statement "To serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life; and communicating the excitement of engineering.", they promote collaboration, skill enhancement and work into the advancement of the plethora of technologies.

The Silver Oak Group of Institutes (SOGI) is overwhelmed to get an opportunity to conduct a seminar on Gas Turbines under the International Gas Turbine Institute (IGTI) on a date of 29th September 2018 which is a part of ASME. IGTI is dedicated to supporting the international exchange and development of information to improve the design, application, manufacture, operation and maintenance, and environmental impact of all types of gas turbines, turbomachinery and related equipment. The main focus of this event is to take the participants through the intricacies of Gas Turbine in a lucid format by the keynote speakers from highly renown companies like Rolls-Royce, GE Power and SoftInWay. Moreover, professionals from CSIR National Aerospace Laboratories and the Christ University will be present. Fundamentals of Gas Turbine including basic overview, role of GT in industries, Turbomachinery, several aspects in design of GT and the methods used in Turbomachinery will be discussed and explained by the speakers. Being an interactive session, there will be a Q&A phase where students will clarify their doubts. Entire IGTI seminar sponsored by ASME.



EXPERTS FOR THE IGTI SEMINAR:

DR. KALI CHARAN NAYAK, SPECIALIST IN AIR AND THERMAL SYSTEMS, ROLLS-ROYCE

MR. SANJEEV KUMAR JHA, SENIOR ENGINEERING MANAGER, GE POWER

MR. HITESHKUMAR MISTRY, EXTERNAL ENGAGEMENT LEADER, GE GLOBAL RESEARCH

DR. RAGHAVAN RAJENDRAN, TECHNICAL ADVISOR, CSIR- NATIONAL AEROSPACE LABORATORIES

MR. ABDUL NASSER, MANAGING DIRECTOR, SOFTLNWAY TURBOMACHINERY SOLUTIONS PVT. LTD.

DR. SHANKAR VENKATARAMAN, PROFESSOR & PRINCIPAL INVESTIGATOR, CHRIST UNIVERSITY.

This event was held in Newton Hall at ASOIT on 29 September 2018; the session About 200 participants from all over Gujarat attended this seminar and got immense benefit from the session.



STTP ON INDUSTRIAL ROBOTICS

3 days STTP on robotic has been organized by Aditya Silver Oak Institute of technology for students. It was organised on 24th Dec 2018.

In this event more than 40 students are participants and expert are invited from BVM, Nirma and GCET College.

Event main concept is Robotics demanding the era of today's world and hence, it is a moral responsibility of all the teachers to prepare the students for it.

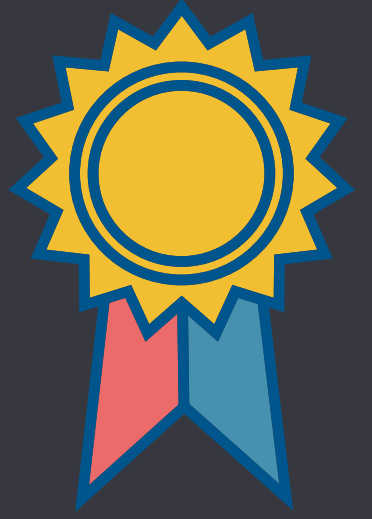


2018, 1ST EDITION



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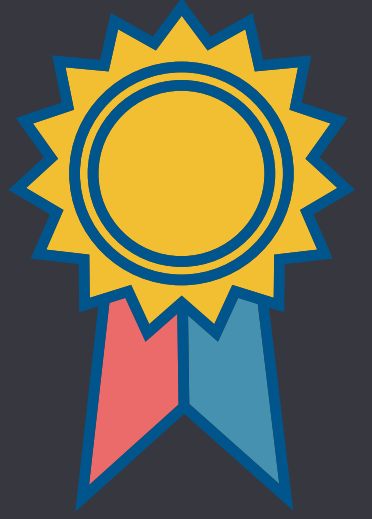


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RANK: 03

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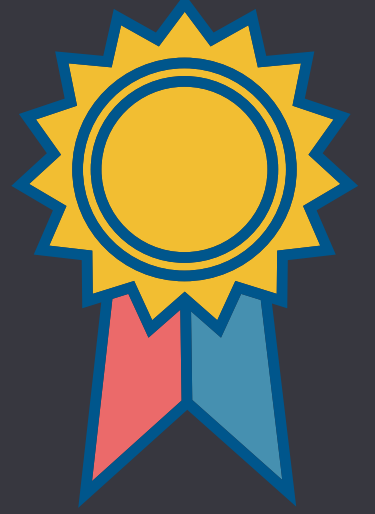
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