



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO
EVERY DESIGN.

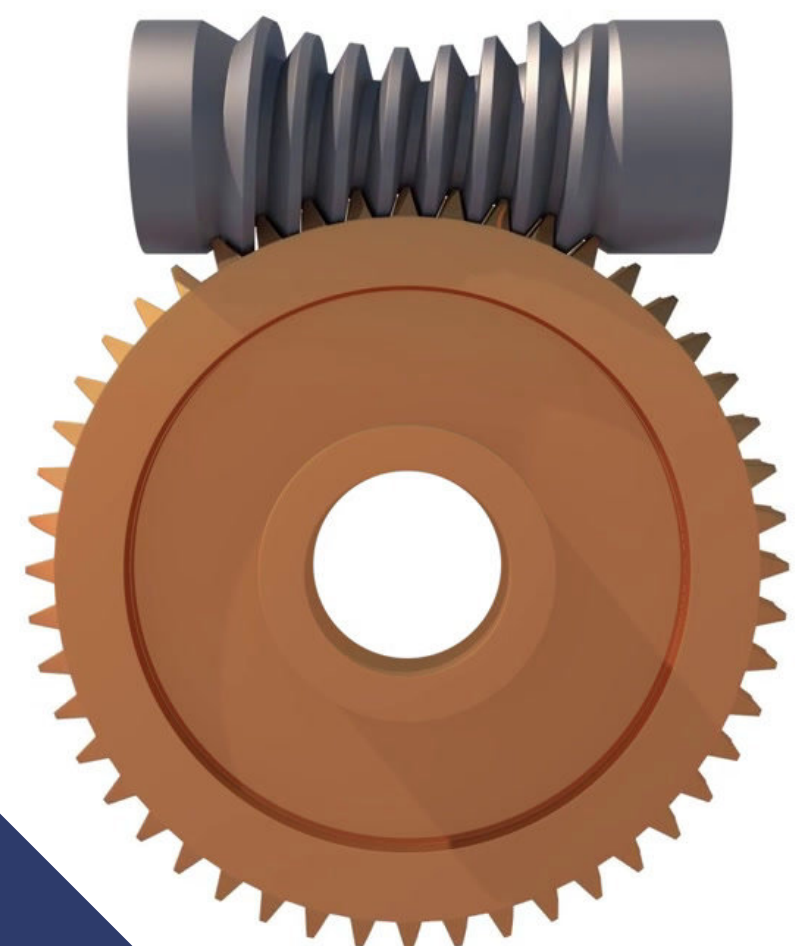
2017

ISSUE 1
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.

FUTURE IN FIELD OF MECHANICAL

Expert Session of all interested students specially for final year and prefinal year was organized by Prof. Kaushik Savaliya. This session was specially design and delivered on the topic of future scope of mechanical engineering. Invited Speak Prof. (Dr.) Kumar Abhishek is well known researcher in the field of optimization. One big stream after the graduation is research and how to entre in the field of research was well explained by expert. Also use of MATLAB and application of it in the current industries was also explained in details. 60 students took part in the event on 5th March 2017.

The job options are in abundance for graduates in Mechanical Engineering and so one can expect good remuneration after completing the course. Despite saying this, it is important to stress on the reality that without proper skills and relevant knowledge in the field in, getting absorbed in the industry is not possible. One needs to ensure that they attain the desired skill set, which meets the industry requirement. Designation of the individual also plays a crucial role in determining their pay scale.



PRODUCT INNOVATION AND SMART MANUFACTURING

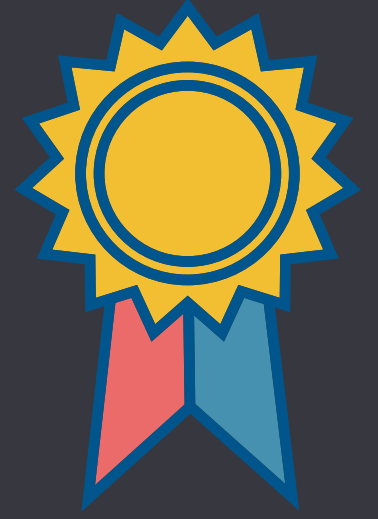
ASOIT_Department of Mechanical Engineering Students were participating in the Interactive Workshop on Product Innovation and Smart Manufacturing, on the date of 11 January at IIT-Gandhinagar along with Prof. Rushil Shah ,Prof. Dhruv Patel and 11 Students of 4th semester Mechanical engineering. The Session facilitators are Prof. B. Ravi, Prof. Amit Sata, Prof. Nagahanumaiah, Prof. A M Kuthe and Prof. Vasudev D. Shinde. Through this session students are getting a more idea of IOT, Biomedical Implant, Micro Machining and smart Foundry.





CONGRATULATION

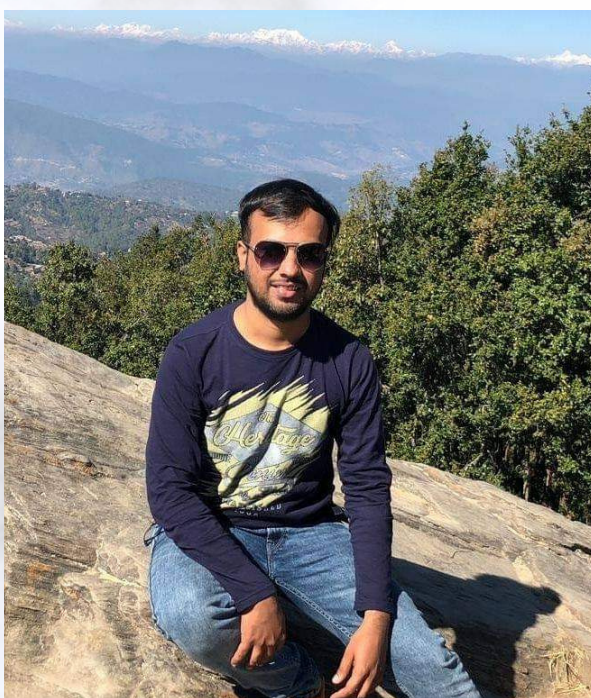
TO OUR TOPPERS OF 3RD SEMESTER



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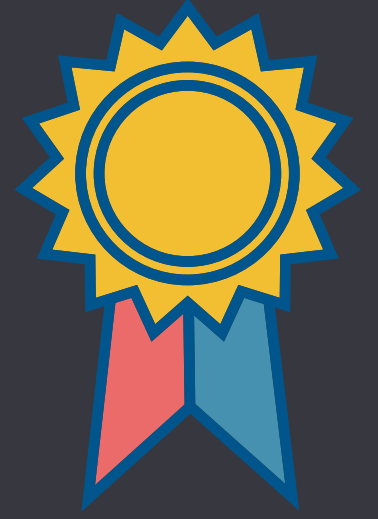
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CONGRATULATION

TO OUR TOPPERS OF 5TH SEMESTER



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