



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN.

2020

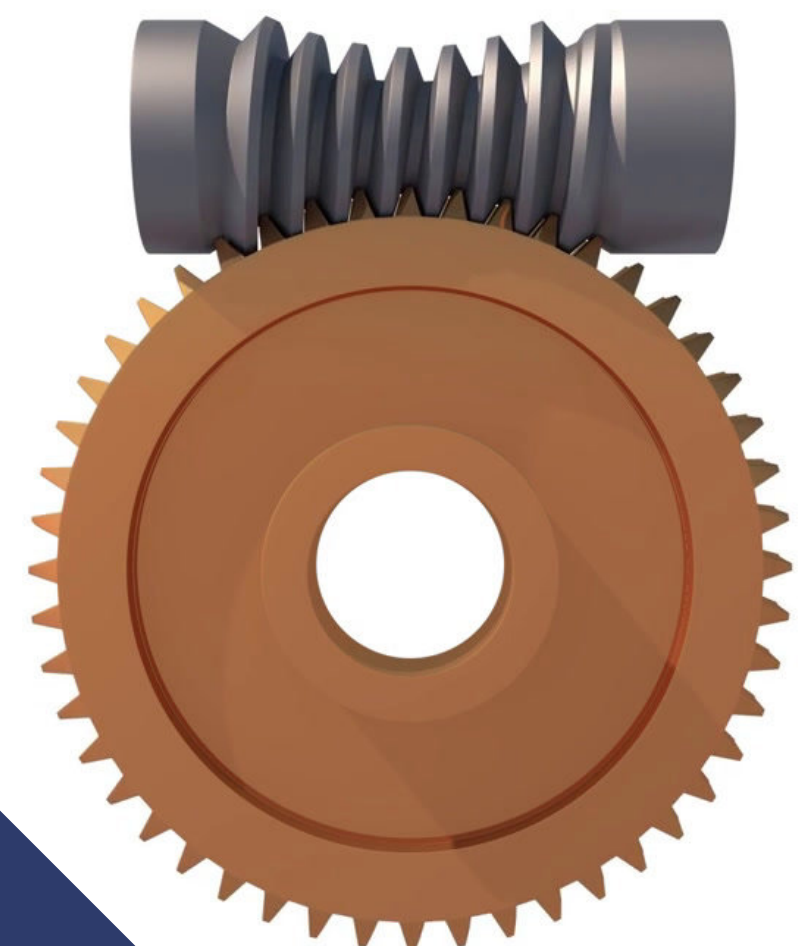
ISSUE 10

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.



ASHRAE LOCAL CHAPTER

Practical Exposure of Theoretical Knowledge



NAME OF THE VISITED ORGANIZATION:

Institute of Infrastructure, Technology, Research and Management (IITRAM)

DATE:
07/02/2020

NUMBER OF STUDENTS:
18

INDUSTRIAL VISIT @ IITRAM

Under the local chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Laboratory visit is organized for the students of 3rd year Mechanical Engineering.

Industrial visit to IIT-RAM laboratory was the best experience which provided exposure to the industrial life linking theoretical knowledge and practical. This lab is formulated for the study of Refrigeration and Air-Conditioning System. Various instrumental Setup like Simulators for Cold Storage, Refrigeration, High Capacity Air Conditioning are very useful for the present study.



ASHRAE LOCAL CHAPTER

Practical Exposure of Theoretical Knowledge



INDUSTRIAL VISIT @ IITRAM

Student's Feedback



Visit to Research RAC lab, Athal was a good experience which provided us exposure to the industrial life linking theoretical knowledge and practical. The cold storage simulator is formulating integrated chamber and it is easy to understand all processes in one chamber.

Tirth M. Patel

(President, ASHRAE ASOIT Student Branch)



It was a wonderful experience which merged our theoretical learning with the practical skills. The Air Conditioning Simulator is formulating Integrated with Water cooled system and also with Ventilation.

Shreyansh D. Tilava,

Treasurer, ASHRAE ASOIT Student Branch





QUIZO 2020

Department of Mechanical Engineering of Aditya Silver Oak Institute of Technology feels great pride to announce the achievement of Students from 6th semester mechanical engineering. Shreyansh Tilva and Harsh Rana has secured 1st rank and win the cash price of Rs.20,000 in the Quizo2020 which held at Nirma University on 7th march 2020 among top engineering colleges in ASHRAE-WIC region (comprising of Gujarat and Indore). Congratulations to the team of ASOIT and for participating under guiding of Prof. Hitesh Prajapati and Prof. Mit Patel.



2020, 1ST EDITION

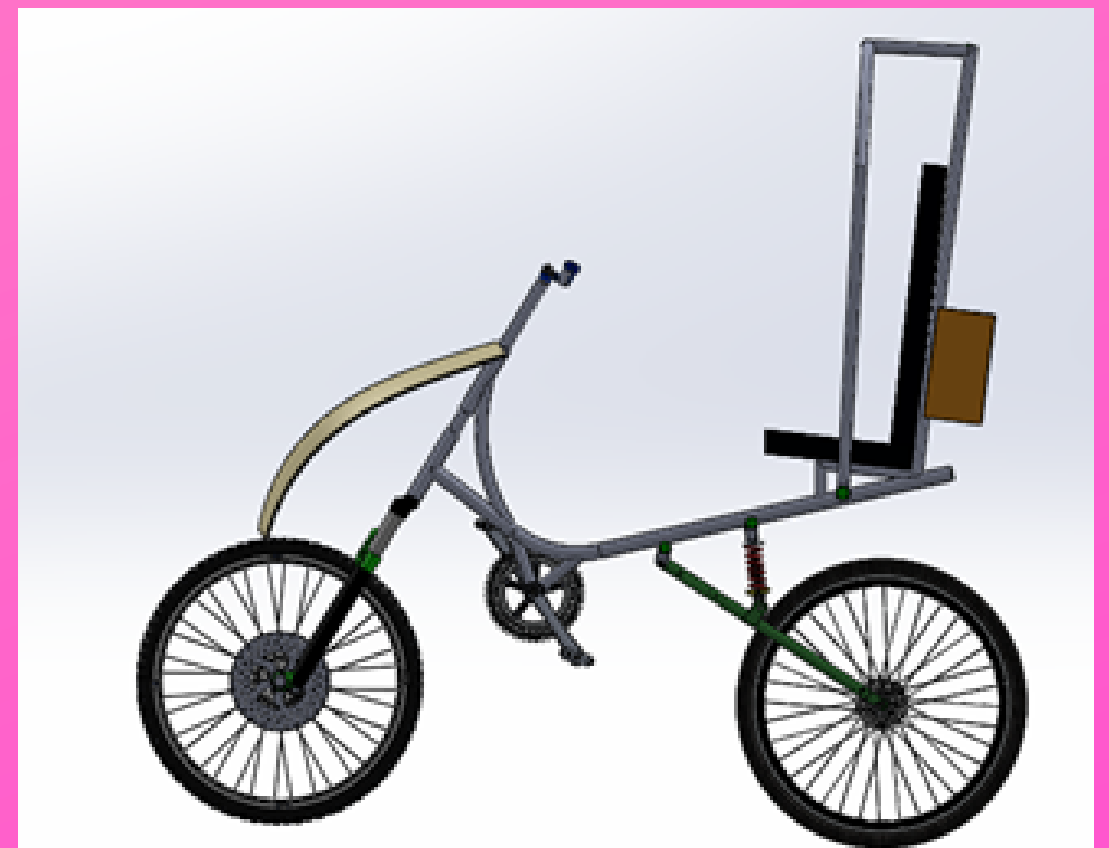


"HPVC ASME E-FEST, 2020

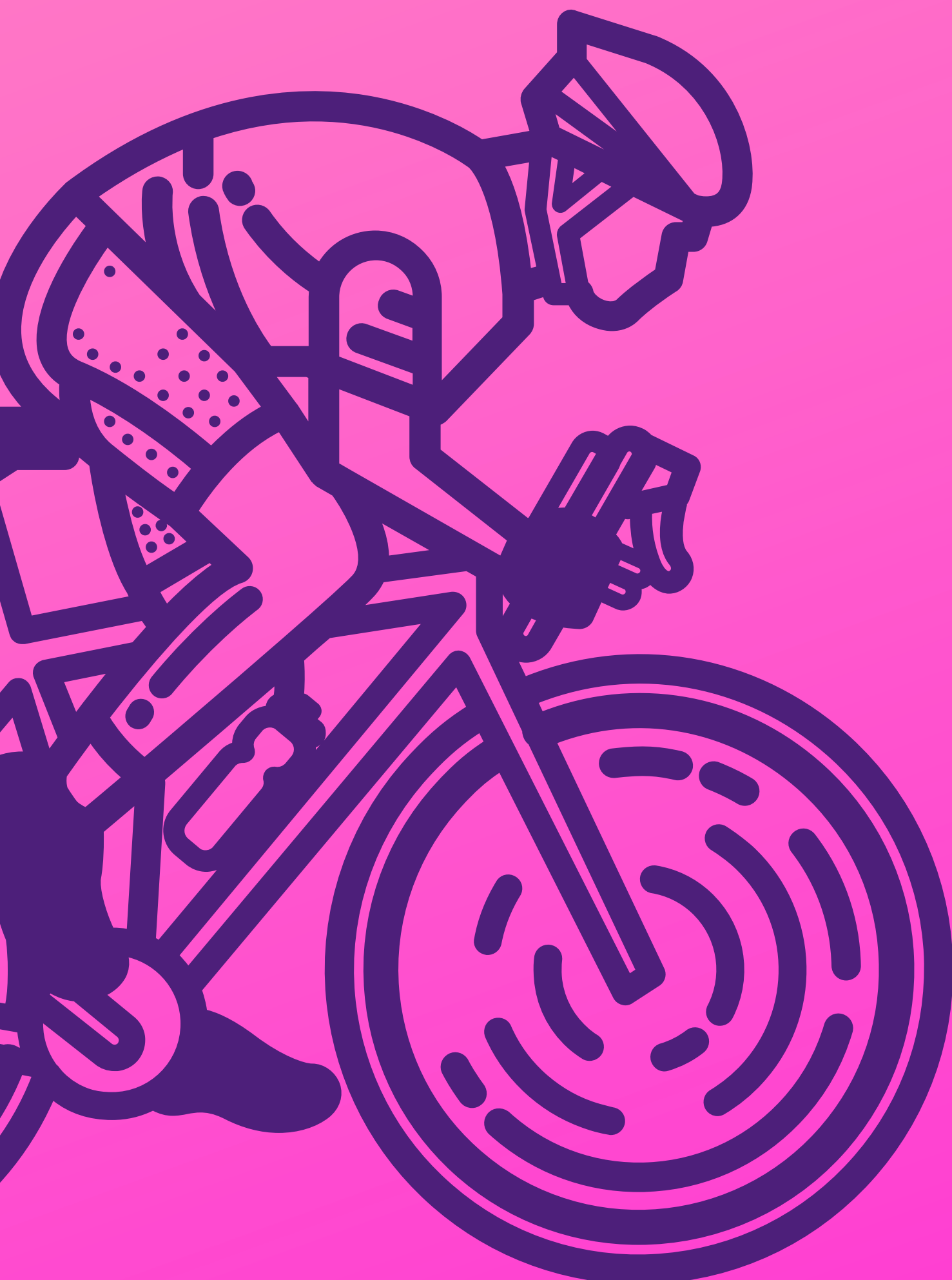


"TEAM INFINITY"

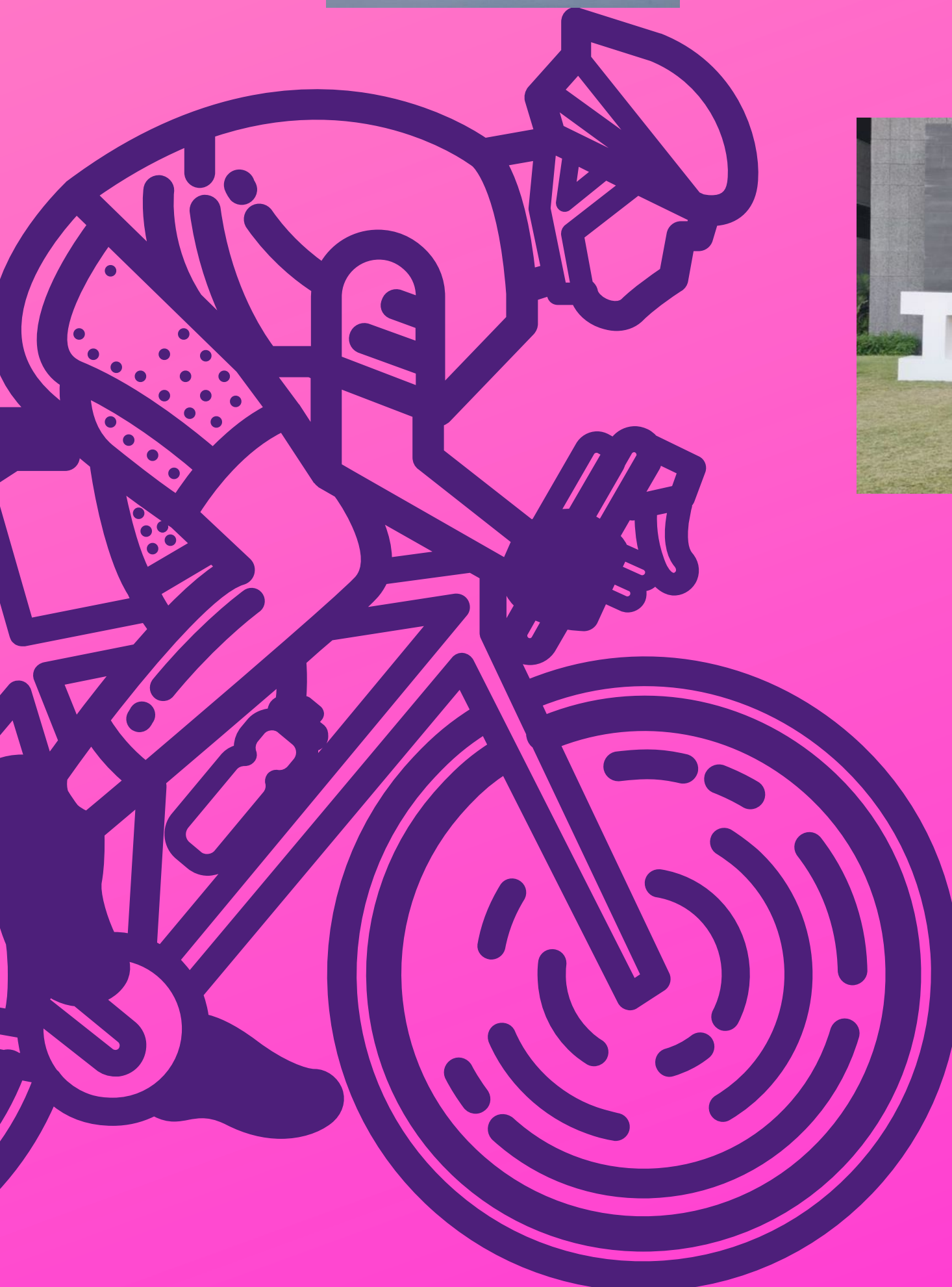
Students of Department of Mechanical Engineering of Aditya Silver Oak Institute of Technology secured 2nd rank in the Event of ASME E-Fest 2020 from 28th Feb. to 1st March, 2020 at MARWADI UNIVERSITY, RAJKOT, INDIA.



25 students of Team Infinity has secured 2nd rank in Female Sprint Race and 2nd Rank in Endurance Race in ASME HPVC Human Powered Vehicle Challenge among Top 50 Teams from Asia Pacific, ASME E-Fest 2020 held at Marwadi University, Rajkot Gujarat.



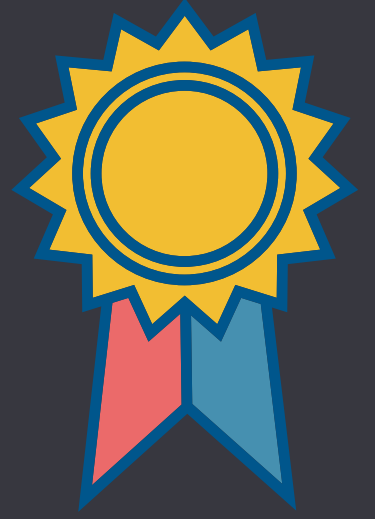
2020, 1ST EDITION





CONGRATULATION

TO OUR TOPPERS OF 3RD SEMESTER



RANK 1

NAME:- KUTABE ALAM

EN NO.:-181200119013

SPI :- 8.22



RANK 2

NAME:- VAGHELA BHUMIKABA

EN NO.:-181200119046

SPI :- 7.65



RANK 3

NAME:- KHAJANCHI SNEH JIGNAESHBHAI

EN NO.:-191203119514

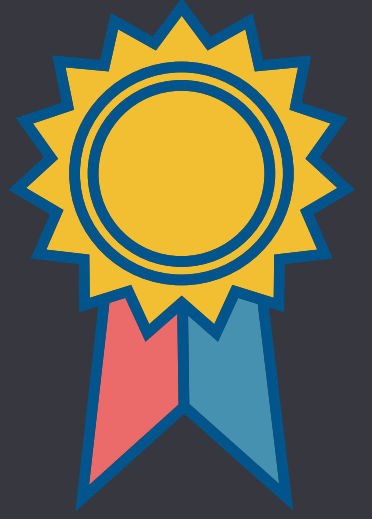
SPI :- 7.3





CONGRATULATION

TO OUR TOPPERS OF 5TH SEMESTER



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NAME:- TEEKADIYA JAYDEEP P.

EN NO.:-181203119527

SPI :- 8.42



RANK 2

NAME:- PANCHAL RUTVIK H.

EN NO.:-171200119024

SPI :- 8.13



RANK 2

NAME:- PATEL TIRTH M.

EN NO.:-181203119022

SPI :-8.13



RANK 3

NAME:- RAVAL NAMAN P.

EN NO.:-171200119036

SPI :- 7.97



RANK 3

NAME:- KAR SAROJ KUMAR S.

EN NO.:-171200119509

SPI :- 7.97

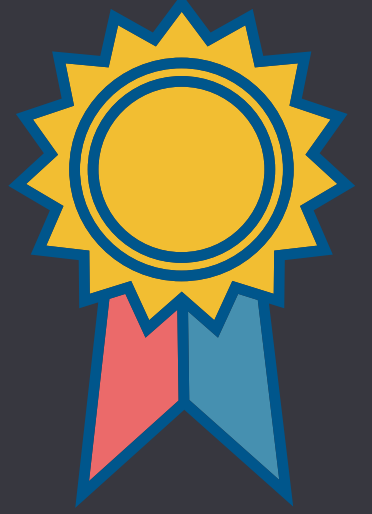


KAR SAROJKUMAR



CONGRATULATION

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NAME:- PATEL YASH M.

EN NO.:-171203119020

SPI :- 8.8



RANK 2

NAME:- PATEL NAYANKUMAR A.

EN NO.:-161200119523

SPI :- 8.77



RANK 3

NAME:- BHAVSAR JAY G.

EN NO.:-161200119501

SPI :- 8.43



RANK 3

NAME:- DAVE ATRI V.

EN NO.:-171203119003

SPI :- 8.43



STUDENT EDITOR

**TIRTH PATEL
JADEJA RUTVIK
NAGAR RUTVA**

CHIEF EDITOR

UMANG PARMAR