



MECH VIBES

EXCELLENCE AND INNOVATION BUILT INTO EVERY DESIGN.

2019

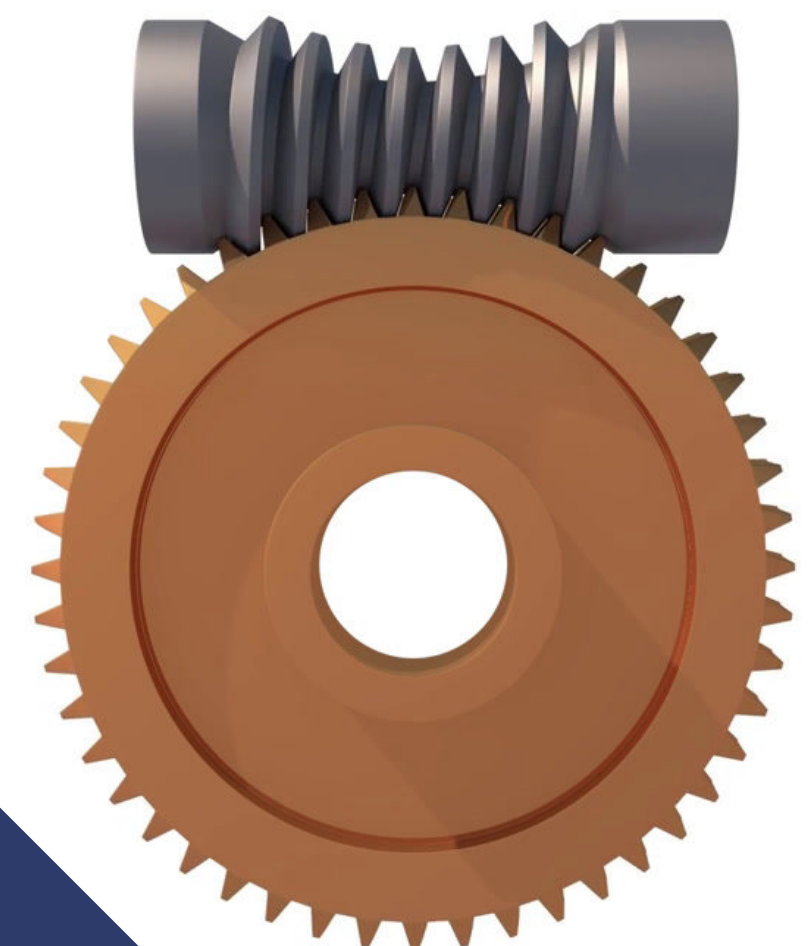
ISSUE 9

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

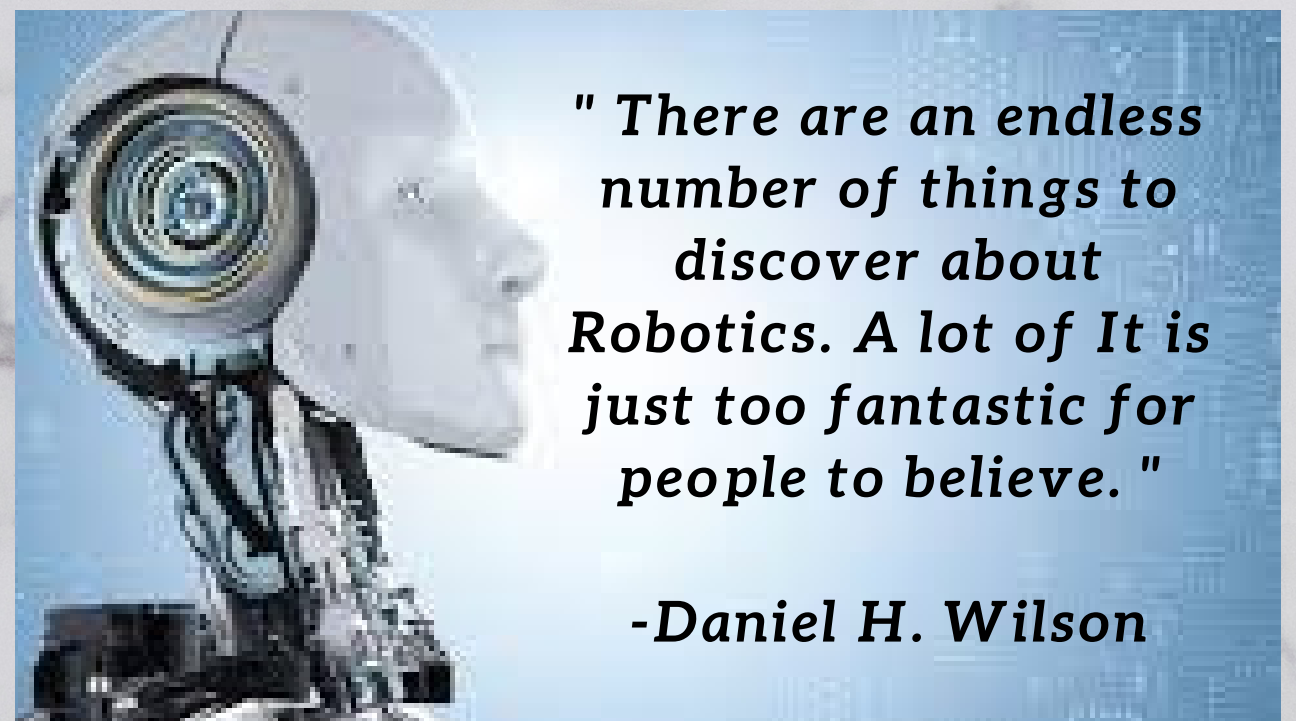
PSO1: Graduates of the program will achieve excellence in product design, thermal engineering and manufacturing system by acquiring knowledge in mathematics, science, technology and designing principles.

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.

ONE DAY WORKSHOP ON ROBOTICS.

Department of Mechanical Engineering Department, Aditya Silver Oak Institute of Technology conducted Level-I one day Robotics workshop Series on 21st December 2019 by Prof. Dhurv Patel.



Robotics is demanding the era of today's world and hence, it is a moral responsibility of all the teachers to prepare the students for it. Students from 4th semester Mechanical Engineering are attending this workshop. Through this workshop students can learn the basics of Robotics, Important of Robotics, Assembly of Robotics and Feature scope of Robotics in Industry.

2019, 3RD EDITION



ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON “ADVANCE TECHNOLOGIES IN GAS TURBINE ENGINE”



The inauguration ceremony was graced by

Dr. Chandan Chatterjee

(CEO) Atal Incubation Center -
GTU,

Shri. Jayant P Joshi

Division Head & Associate
Project Director, GSAT series of
Satellite, Space Application
Centre, ISRO, Ahmedabad.

Dr. Saurin Shah
Principal, SO CET

Dr. Pina Bhatt
Principal ASOIT.

SPONSORED BY

**GUJARAT TECHNOLOGICAL UNIVERSITY (GTU) AND
THE ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(AICTE), FROM 09.12.2019 TO 13.12.2019.**

This Faculty Development Program (FDP) aims to enhance knowledge of participants in the area of Gas Turbine to promote their research and academic activities. To familiarize the participants with the latest techniques and advanced concepts in Gas turbine Engine, Experts from IITs, GE Global Research and other reputed Institutions has been called to deliver the sessions.

Total 52 Faculty members have participated in FDP. Sessions were delivered by eminent industrial experts Mr. Hitesh Mistry, Product Management & Commercial Proposals, GE Research, Bengaluru and Mr. Sanjeev Jha, Technology Manager, Mechanics & Design, GE research, Bengaluru.



DETAILS OF EXPERTS



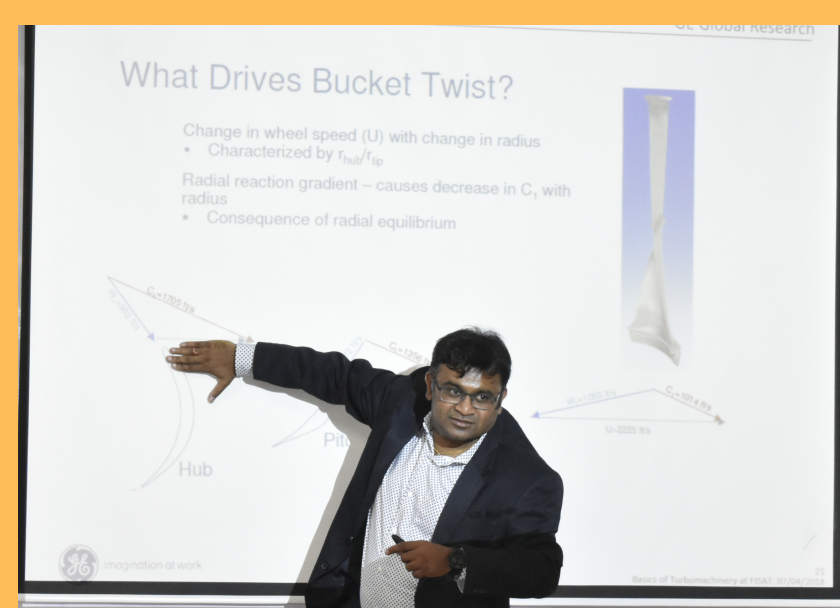
Dr. D.P. Mishra
Professor
Department of Aerospace Engineering
Indian Institute of Technology Kanpur



Dr. R. Rajendran
Professor
Department of Aeronautical Engineering
Dayananda Sagar College of Engineering
Bengaluru



Shri. Sanjeev Jha
Technology Manager
Mechanics & Design
GE Research
Bengaluru



Shri. Hiteshkumar Mistry
Head
Product Management & Commercial Proposals
GE Research
Bengaluru



Dr. S.A. Hashim
Associate Professor
Department of Aerospace Engineering
Sandip University
Nashik



Dr. Sudipto Mukhopadhyay
Assistant Professor
Department of Mechanical Engineering
Indian Institute of Technology Jodhpur

SMART MANUFACTURING HACKATHON 2019

THE MECHANICAL ENGINEERING DEPARTMENT OF ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY HAS ORGANISED SECOND HACKATHON 2019 IN ASSOCIATED WITH GTU-GUJARAT TECHNOLOGY UNIVERSITY, AUTODESK AND KHODIYAR CAD CENTRE PVT.LTD ON 13/09/2019 TO 14/09/2019.

“SMART MANUFACTURING HACKATHON-2019” PROVIDES A UNIQUE PLATFORM WHEREIN STUDENTS ARE GIVEN REAL LIFE CHALLENGES ON THE VERY SAME DAY AND THEY NEED TO COME UP WITH A SOLUTION. THAT SOLUTION IDEA IS CONVERTED INTO REALITY, I.E. A PROTOTYPE USING A 3D PRINTER.

THE REGISTERED 150 PARTICIPANTS FROM MORE THAN 25 GTU AFFILIATED COLLEGES ACROSS GUJARAT ARE GOING TO WORK HARD ON FUSION 360 FOR NEXT 36 HOURS TO CRACK THE GIVEN PROBLEM STATEMENT.

DR.NAVIN SHETH, VICE CHANCELLOR-GTU., DR.K.N. KHER, REGISTRAR-GTU, SHRI UTKANTH BHANDARI, MEMBER OF BOG-GTU, DR.CHANDAN CHATTERJEE (CEO) ATAL INCUBATION CENTRE-GTU, MR. DEEPANKAR BHATTACHARYYA, AUTODESK EDUCATION LEAD INDIA & SAARC, MR. JIGNESH PATEL, DIRECTORS- KHODIYAR CAD CENTER PVT., LTD.,, MR, BADARI HIRIYUR, EDUCATION PROGRAM-SPECIALIST- AUTODESK INDIA PVT.LTD., PROF. KARAMIIT BIHOLA- CENTRE FOR INDUSTRIAL DESIGN, GTU AND PROF. MARGUM SUTHAR- GTU ALL ARE GUST PERSONALITY INTO HACKATHON.

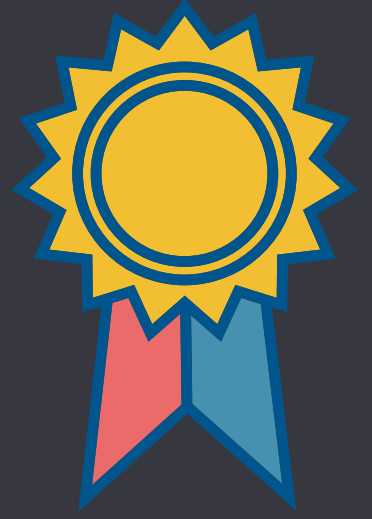
SMART MANUFACTURING HACKATHON 2019





CONGRATULATION

TO OUR TOPPERS OF 4TH SEMESTER



RANK 1

NAME:- PRAJAPTI NIKUNJ HARESHKUMAR

EN NO.:-171200119034

SPI :- 8.33



RANK 2

NAME:- PATEL DHRUV JITENDRAKUMAR

EN NO.:-171200119515

SPI :- 8.27



RANK 3

NAME:- PANCHAL RUTVIK HARESHKUMAR

EN NO.:-171200119024

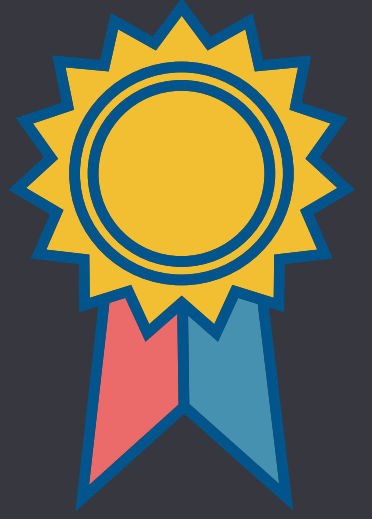
SPI :- 8.0





CONGRATULATION

TO OUR TOPPERS OF 6TH SEMESTER



RANK 1

NAME:- PANCHOLI MEET HEMANTKUMAR

EN NO.:-171203119012

SPI :- 8.39



RANK 1

NAME:- PATEL YASH MUKESHBHAI

EN NO.:-171203119020

SPI :- 8.39



RANK 2

NAME:- DHRUV CHANDIL

EN NO.:-161200119009

SPI :- 8.18



RANK 3

NAME:- BHAVSAR JAY GIRISHBHAI

EN NO.:-161200119501

SPI :- 8.0



RANK 3

NAME:- KUNPARA VAIBHAVKUMAR D.

EN NO.:-161200119512

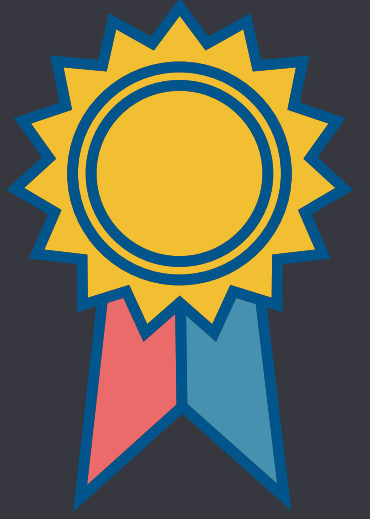
SPI :- 8.0





CONGRATULATION

TO OUR TOPPERS OF 8TH SEMESTER



RANK 1

NAME:- PATEL NITTALKUMAR KANUBHAI

EN NO.:-151200119040

SPI :- 9.48



RANK 1

NAME:- PATEL MEET BHARATBHAI

EN NO.:-161203119538

SPI :- 9.48



RANK 2

NAME:- PARMAR VIVEK JAYESHKUMAR

EN NO.:-161203119014

SPI :- 9.32



RANK 3

NAME:- PANCHAL RUTVIK KALPESHBHAI

EN NO.:-161203119012

SPI :- 9.28



RANK 3

NAME:- PATEL SMITKUMAR BHARATBHAI

EN NO.:-161203119545

SPI :- 9.28



STUDENT EDITOR

**ATRI DAVE
FAISAL SHAIKH
NISARG PANDYA**

CHIEF EDITOR

RUSHIL SHAH