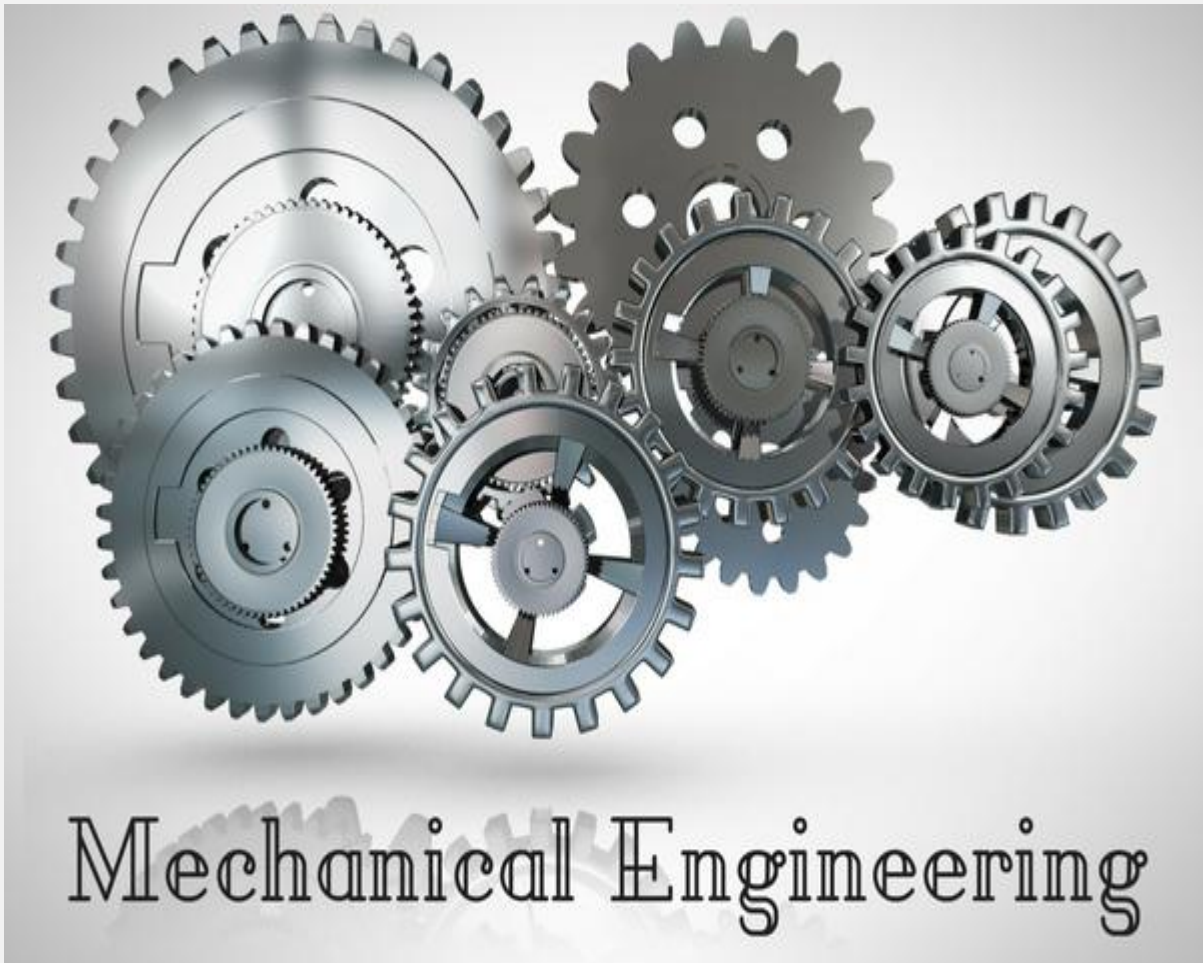


VIBRANT

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DEPARTMENT OF MECHANICAL ENGINEERING

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Puducherry – 605 107

VISION:

“The Mechanical Engineering Department aspires to be acclaimed globally for renowned education and research to accelerate well qualified engineers who are creative, entrepreneurial and flourishing in advanced fields of engineering and research.”.

MISSION:

Higher Order Thinking: *To assure quality education to the students and broaden their profession to make them globally competent Mechanical Engineers.*

Continuous learning: *Nurturing vital state of art, research facility to provide students and faculty with outstanding opportunities to discover, illustrate, implement and disseminate wisdom.*

Competency: *To develop alliance with world class R&D organizations and Educational Institutions in India and overseas for teaching, research and consultancy services.*

Entrepreneurship: *To provide the students with academic environment of excellence, leadership and ethical guidelines needed for lifelong prospective career.*

ABOUT THE DEPARTMENT

Undergraduate education (UG) course B.Tech in Mechanical Engineering is a comprehensive degree program. The goal of the Mechanical Engineering curriculum is to create a flexible undergraduate educational experience in Design, Mathematics, Modeling, computation, Quality management, Engineering science & humanities.

The Department of Mechanical Engineering has been continuously striving to make progress in Teaching and Research. The Department was started with an intake (UG) of 60 students in 2012. The Mechanical Department is well equipped with excellent laboratories to make the students to easily understand and study the latest research areas such as computational fluid dynamics, Mechanics of Robot, Aerospace and Defense field, etc and also has separate Department library houses best books in the technical field this vast reservoir of knowledge is a source of constant value addition to the students and faculty members the library's rich in manufacturing, design, metallurgy, drawing and materials science. To enhance the Technical Skills of the students, the Department also organizes various program such Value-added course, Quiz completion, Seminars, Workshops, Industrial visit and Guest lecturers which would make them globally competitive as well as students become an indispensable Engineer and earn the income they deserve.

GOALS AND STRATEGIES

- a. Ensuring the preeminence of learning.
- b. Providing high quality programs that meet the evolving needs of our students, community and sector.
- c. Ensuring scholarly and creative activity.
- d. Making collaboration integral to our core sectors.
- e. Creating an environment where all students have the opportunity to succeed.
- f. Expanding connections and partnerships with our Sectors.

Design Competition

Success is the sum of small efforts repeated day in and day out .In our department we conducted the AutoCAD designing competition and the winners are :

1st place - Mr. RAJIV.S from 3rd year

2nd place - Mr. BRITTO. P from 3rd year

they both were awarded and appreciated by gifting a pen drive to them and here are their designs, In this design competition they allow to present a quick and finished design of a isometric objects by this Creativity is allowing our self to make mistakes. Design is knowing which ones to keep. It motivates us to design more and learn more.

Few words from the winner,

"Hi guys I am Mr. BRITTO. P from 3rd year thank you for presenting me this award I am so glad to get this award and I dedicate this award to my faculties and supporting friends and I wish my seniors to conduct many activities like this thank you"



Mr. BRITTO. P



Mr. RAJIV.S

Appreciation is a wonderful thing. It makes what is excellent in others belong to us as well.

Students Article

DEMONETISATION IN INDIA

On 8 November 2016, the Hon'ble Prime Minister of India, **Shri. Narendra Modi**, in a surprise move, announced the implementation of demonetization or 'notebandi' with effect from the midnight of that day itself. The government reasoned that this sudden and unexpected move, even though it caused problems for the country's people, would be an effective countermeasure to the rampant corruption and penetration of black money into the economy. This demonetization will deal with the background, causes, effects, public opinion, advantages and disadvantages of demonetization in India.

Cause and Effect:

The demonetization was the only stringent step proceeded by the Government of India for the welfare of the Indian public. This is done for the welfare of the peoples through the eradication of the corruption, black money and Money Laundering throughout India. The effect of this procedure will leads to the reduced black money and the exposing of black money all along the high class people in India. This step largely effects the middle class families, but according to the government media addresser after the some months progress this step can provide very big boom in middle class and the Indian market in future days.

Public Opinion:

Opinion of a common men residing beside my house: This is the good step by the government especially our Prime Minister Shri. Narendra Modi ji, but the announcement of the demonetization was on the late night so that everyone in our area were in search of hundreds and this leads to the high demand of 100s currency note.

This also effected a lot to the farmers and they only can sit and watch the issue how it progress. The city peoples can adjust through but the villagers have to adjust in most dramatic way.

Advantages and Disadvantages:

According to the Governments Media addresser this will be huge steps towards over developed nation status and corruption of black money among the Indians. In fact our Prime Minister also addressed in such a way that the people can see a large change in Indian economy in future days.

The people, the common man all over the India suffered lot during initial days of implementation of demonetization. This will make a huge impact in election results of upcoming Election in India irrespective of its good things.

This is the article by Allen Breno IIIrd year Mechanical, with his interest on Aero physics and its concepts, he wrote this article on his own and shared among students community.

Drawing Competition

Drawing is an honesty of art. There is no possibility of cheating. it is either good or bad.

Life is the art of drawing without an Eraser.

In our case "DRAWINGS"

We have conducted a drawing competition in our department of mechanical engineering the winners of the competition are,

Mr. S. Iyyappasamy – 1st prize

Mr. P. Britto – 2nd place

They responded to the competition's themes of "GREEN HOUSE" by creating something that reflects the life of a community under construction, in all senses.

A FEW WORDS FROM THE WINNERS

"Hi guys we are S. Iyyappasamy and P. Britto from the mechanical department we are also one of them and passionate about drawing and paintings that sometimes we don't even know what we were

drawing but we draw. We were very fond of drawing classes in our school days. Those were the days when we used to draw some stuff on the last page of our notebooks while the teacher was teaching some other subject. For us, Drawing and Painting is something that we can't live without."



S. IYYAPPASAMY



P. BRITTO

ABOUT VIBRANT

VIBRANT IS A YEARLY MAGAZINE COMPILED AND PUBLISHED AMONG STUDENTS BY THE STUDENTS COMMUNITY IN MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY FROM THE DEPARTMENT OF MECHANICAL ENGINEERING. STUDENTS FROM ALL THE YEARS CAN INDULGE IN INNOVATIVE AND INTERESTED TOPIC RELATED EITHER ENGINEERING RELATED TRENDS OR IN NON TECHNICAL RELATED TOPICS.

STUDENTS CAN EXPRESS THEIR OWN CONFESSION OR ANY OTHER IDEAS THEY CAN GIVE FOR THE DEVELOPMENT OF MECHANICAL ENGINEERING DEPARTMENT AND THE INSTITUTION.

STUDENTS EXTRACURRICULAR AND ALL OTHER STUFFS THAT THEY WERE REALLY INTERESTED AND WANT TO DEVELOP CAN INDULGE IN THIS MAGAZINE AND SHOW CASE THEIR TALENT.

Chief Editors

GOGULNATH .B

NIRMAL .S

Associate Editors

SHARAN .P

PRASANNA RAM KUMAR .S

Contact us

Manakula Vinayagar
Institute of Technology

Kalitheerthalkuppam, Puducherry – 605 107

Phone : 0413-2643007

Fax : 2643008, 2643014

www.mvit.edu.in