



# GLANCE

## Yearly Newsletter

Published by

**Department of Mechanical Engineering**

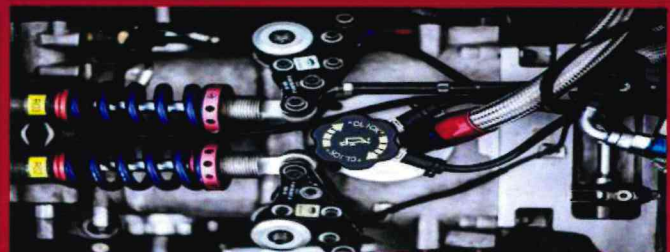
V V COLLEGE OF ENGINEERING



Volume : 1

Issue: 1

Dec 2020



### EDITORIAL BOARD

#### Editor in Chief:

Dr. P. Padmanabhan,  
Professor and Head

#### Editorial Board Members:

Mr. A. Sivasubramanian,  
AP / Mech

Mr. A. Simon Christopher,  
AP / Mech

#### Student Editors:

Jeno Rufus.B-IV Mech A

Antony Jeyakumar.D-III Mech A

Gowshika.S.S-II Mech A

### VISION:

Create highly skilled, competent and excellent Mechanical Engineers with human values, ethics, passion, competence and profound involvement to serve for the betterment of the society.

### MISSION:

- Provide quality education in Mechanical Engineering by creating a platform to enable technical, communication, design and problem solving skills.
- Provide resources, environment and continuing learning processes for better exposure in contemporary technologies in Mechanical Engineering.
- Promote research based projects in the cutting edge domains of Mechanical and allied Engineering, for betterment of society.



# **V V COLLEGE OF ENGINEERING**

**TISAIYANVILAI-628656**

## **Mechanical Engineering Department Newsletter**

**Volume:1,**

**Issue:1,**

**Dec 2020.**

### ***VISION OF THE INSTITUTION***

Emerge as a premier technical institution of global standards, producing enterprising, knowledgeable engineers and entrepreneurs.

### ***MISSION OF THE INSTITUTION***

- ❖ Impart quality and contemporary technical education for rural students.
- ❖ Have the state-of-the-art infrastructure and equipment for quality learning.
- ❖ Enable knowledge of ethics, values and social responsibilities.
- ❖ Inculcate innovation and creativity among students for contribution to society.

### ***VISION OF THE DEPARTMENT***

Create highly skilled, competent and excellent Mechanical Engineers with human values, ethics, passion, competence and profound involvement to serve for the betterment of society.

### ***MISSION OF THE DEPARTMENT***

- Provide quality education in Mechanical Engineering by creating a platform to enable technical, communication, design and problem solving skills.
- Provide resources, an environment and continuing learning processes for better exposure to contemporary technologies in Mechanical Engineering.
- Promote research based projects in the cutting edge domains of Mechanical and allied Engineering, for the betterment of society



## CHAIRMAN'S MESSAGE



As we embark on another exciting academic year, I am filled with immense pride and enthusiasm for the progress and achievements of our department. Our commitment to excellence in education, research, and community engagement continues to shape the future of engineering, fostering innovation and inspiring the next generation of leaders.

I am particularly proud of our students who have demonstrated resilience and adaptability in the face of unprecedented challenges. Your creativity and determination have led to outstanding academic performances, successful internships, and impactful community service projects. These experiences not only enhance your professional skills but also embody the spirit of engineering—solving complex problems for the betterment of society.

Our faculty members continue to be at the forefront of innovation, integrating cutting-edge research into their teaching and mentoring students to reach their full potential. Their unwavering commitment to excellence ensures that our curriculum remains relevant and rigorous, preparing our graduates for successful careers in a rapidly evolving industry.

Looking ahead, we have several exciting initiatives planned. We are expanding our laboratory facilities, introducing new courses that reflect the latest advancements in engineering, and strengthening our partnerships with industry to provide more hands-on learning opportunities for our students. These efforts are aimed at ensuring that our department remains a leader in engineering education and research.

I would like to extend my heartfelt gratitude to all of you—students, faculty, staff, alumni, and industry partners—for your continued support and dedication. Together, we are building a vibrant, dynamic community that thrives on collaboration, innovation, and a shared commitment to excellence.

## PRINCIPAL'S MESSAGE

**“Scientists study the world as it is; engineers create the world that has never been.”**

is the famous quote from the Mathematician, Aerospace engineer and physicist Theodore von Karman...

As we come together through this latest edition of our newsletter, I am filled with pride and gratitude for the remarkable achievements and the unwavering spirit of our community. Each page of this newsletter is a testament to the hard work, dedication, and creativity of our students and staff.

This term has seen incredible academic accomplishments, innovative projects, and successful events that have brought us closer as a community. Notably, our recent placement drive conducted by the Mechanical Engineering has resulted in many of our students securing positions in prestigious organizations, a reflection of both their talent and the strong support from our faculty.

I encourage you to explore the pages of this newsletter, celebrating the milestones we've reached and the challenges we've overcome. Let it inspire you to continue striving for excellence, both in your personal and academic pursuits.

Thank you for being a part of this journey. Together, we will continue to grow, learn, and achieve great things.

**Dr.K.S.Saji  
Principal**

## **HOD'S MESSAGE**



It is with great pleasure that I present to you this edition of our department's newsletter. This publication serves not only as a reflection of our collective efforts and achievements but also as a source of inspiration for the future.

This term has been particularly eventful, with numerous academic and extracurricular activities showcasing the talent and dedication of our students and faculty. Our recent placement drive stands out as a highlight, with many of our students securing positions in leading companies. This success is a testament to the hard work of our students and the unwavering support from our faculty and industry partners.

In these pages, you will find stories of innovation, collaboration, and excellence. From groundbreaking research projects to community outreach initiatives, our department continues to push the boundaries of what is possible. I am immensely proud of what we have achieved together and excited about the opportunities that lie ahead.

As you read through this newsletter, I hope you will feel as inspired as I do by the incredible work being done in our department. Let us continue to strive for excellence, support one another, and build a brighter future together.

**Dr.P.Padmanabhan**

**Professor & Head / Mechanical**

## ABOUT THE DEPARTMENT

The Mechanical Engineering Department was established in the year 2010. The department has a team of highly qualified, dedicated and motivated members of faculty and well equipped laboratories to conduct Under Graduate and Post Graduate Programmes. The department aims at generating employable mechanical engineers to lead a successful career and contribute to the society by excelling in their respective fields of endeavour. The field of Mechanical Engineering encompasses many exciting subjects such as Thermal Engineering, Manufacturing Engineering, Engineering Design, Automobile Engineering, Computer Aided Design, Computer Aided Manufacturing, Power Plant Engineering, Refrigeration and Air conditioning, Mechatronics, Automation and Robotics. The department offers the following courses:

**B.E.(Full time) Mechanical Engineering with an intake of 60 students**

**M.E.(Full time) CAD/CAM with an intake of 12 students.**

**Recognized as Research centre by Anna University for pursuing Ph.D and M.S degree in Mechanical Engineering.**

### EDITORIAL BOARD MEMBERS

#### Editor in Chief:

Dr.P.Padmanabhan  
Professor and Head

#### Editorial Board Members:

Mr.A.Sivasubramanian, AP/Mech  
Mr.A.Simon Christopher, AP/Mech

#### Student Editors

Jeno Rufus.B - IV Mech A  
Antony Jeyakumar.D- III Mech A  
Gowshika.S.S- II Mech A



## ***STUDENTS ACHIEVEMENTS***

### **UNIVERSITY EXAMINATION PERFORMANCES**

#### **ODD SEMESTER TOPPERS : 2020-21(Nov-Dec 2020)**

Semester	I Rank	II Rank	III Rank
III	 S.S.GOWSHIKA(9.28)	 S.LIVIN(9.00)	 A.SINDHU(8.96)
V	 M.MANJULA(9.59)	 M.LINGESH GAYATHRI(9.41)	 S.SUKENDAR(9.23)
VII	 HARIBALAN.M	 AYYADURAI.K	 KARTHEESAN.G

## FACULTY ACHIEVEMENTS

### RESEARCH PUBLICATIONS

1. **T. Albert, J. Sunil, A. Simon Christopher, R. Jegan, P. Anand Prabhu, M.Selvaganesan** (2020) "Preparation and characterization of aluminium-titanium carbide (Al-TiC) composite using powder metallurgy", 16439,5, 3 August 2020.
2. **P.Padmanabhan** ,C Jayaseelan, A Athijayamani, K Ramanathan, Effect of Mechanical Properties on Banana Macro Particles Reinforced Epoxy Composites,Indian Journal of Engineering and Materials Sciences,Vol.27(3),pp643-648,2020.
3. **P.Padmanabhan** ,D.Pritima ,S.Marichamy ,C.Sivakandhan ,B.Stalin ,V.Dhinakaran, MaterialCharactization and Parameteric Effect on Nickel-Coated Mild Steel Sheets by Electroplating Process, Advances in Industrial Automation and Smart Manufacturing,pp465-471,2020.

### FDP / WORKSHOP / SEMINAR ATTENDED

1. **Mr.A.Sivasubramanian** was Attended one day National webinar" Processing of Light Metal Alloys and Characterization" in RAGHU Institute of Technology on 03-07-2020.













