

GLANCE

Yearly Newsletter

Published by

Department of Mechanical Engineering

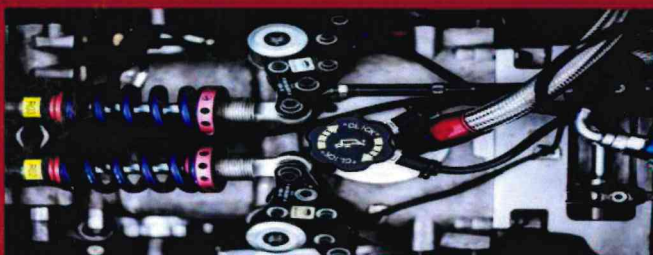
V V COLLEGE OF ENGINEERING



Volume : 2

Issue: 1

Dec 2021



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Professor and Head

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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

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Mechanical Engineering Department Newsletter

Volume:2,

Issue:1,

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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.

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Sujin.M – II Mech

STUDENTS ACHIEVEMENTS

STUDENT'S UNIVERSITY EXAMINATION PERFORMANCES

ODD SEMESTER TOPPERS : 2021-22(Nov-Dec 2022)

Semester	I Rank	II Rank	III Rank
III	 <p>A.DEVA SUNIL ROHAN(8.57)</p>	 <p>A.ANGELIN MARIA RAJA SELVI(8.12)</p>	 <p>M.SUJIN(8.07)</p>
V	 <p>K.SUDHARSON(9.72)</p>	 <p>A.ALOYSIUS ROGER(9.59)</p>	 <p>S.S.GOWSHIKA(9.45)</p>
VII	 <p>D.ANTONY JEYAKUMAR(9.47)</p>	 <p>MADASAMY MATHAN(9.34)</p>	 <p>J.TRINITY JOSHUA(9.22)</p>

FACULTY ACTIVITIES

RESEARCH PUBLICATIONS

1. Anantha kumar S, Sankar Ganesh S, **Mohamed Shameer P**, Somesh Subramanian (2021), "A Compilation of Biomass and Synthesis Gas Modern Advancements on Environment - from Green Energy Production to Storage", Design Engineering 9 (2021) 1691-1722.

FDP / SEMINAR / WORKSHOP ATTENDED

1. **Mr.A.Sivasubramanian** was attended one day webinar entitled as “**Computing Techniques and Applications in Engineering**” at Kottayam Institute of Technology and Science on 19.06.2021.
2. **Mr.T.Albert** was Participated in the Five Days Online Faculty Development Programme on “**Robotics and Automation**” during 10th - 14th August, 2021 organized by Department of Electronics and Communication Engineering, Rohini College of Engineering & Technology, Palkulam, Kanyakumari -629 401.
3. **Dr.P.Padmanabhan** was attended a online FDP AICTE Training And Learning (ATAL) Academy on "**Green Technology: Applications in Manufacturing**" from 20.09.2021 to 24.09.2021at NIT Patna.
4. **Dr.P.Padmanabhan** was attended a online FDP AICTE Training And Learning (ATAL) Academy on "**Processing of Novel Materials**" from 22.11.2021 to 26.11.2021at IIT Varanasi.
5. **Dr.P.Padmanabhan** was attended a online FDP AICTE Training And Learning (ATAL) Academy on "**Advanced Manufacturing of biomedical devices for Precision Health Technologies**" from 13.12.2021 to 17.12.2021 at IIT Tirupati.

FRESOURCE PERSON IN INVITED TALKS

1. **Dr.V.S.Sreenivasan** was delivered a Seminar on “**Product from Composite material to market**” to students & Faculty members organized by Institution Innovation Cell, M.D.T. Hindu College of Arts & Science and Tirunelveli on 31.08.2021.



