



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University



NEWS LETTER

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Vol : 13

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MECHANIMOUS

DEPARTMENT OF MECHANICAL ENGINEERING

INSTITUTE VISION

“Moulding Professionals par Excellence with Integrity Fairness and Human Values”.

INSTITUTE MISSION

1. We commit to develop the institution as a Center of Excellence of International Standards
2. We guide our students in the attainment of intellectual and professional competence for successfully coping with the rapid advancements in technologies and the ever changing world of business, industry and services
3. We help each and every student in their personal growth into mature and responsible individuals
4. We strive to cultivate a sense of social and civic responsibility in our students, thus empowering them to serve humanity.
5. We promise to ensure a free environment where quest for the truth is encouraged

DEPARTMENT VISION

“Moulding socially committed engineers capable to meet the global challenges in the mechanical engineering stream.”

DEPARTMENT MISSION

- To provide ample facilities to foster excellent ambiance for teaching learning process in the department.

- To enhance the creative ideas, analytical talents and soft skills in the students to cope up with the emerging trend in technical field.
- To enable the students to meet real life problems in mechanical engineering with a zeal to human and ethical values.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Our graduates shall have

- PEO1** Strong base in Mathematics, Science, and Mechanical Engineering to face and handle the challenges in real world engineering problems in society and industry.
- PEO2** Passion for Mechanical Engineering to select an area of specialization, pursue higher studies, choose a career, lifelong learning in industry, research and academics.
- PEO3** Basic knowledge in other disciplines to tackle and coordinate Interdisciplinary real life problems
- PEO4** Soft skills, discipline, confidence, self esteem, and ethical values.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO1** Students shall be competent, creative and imaginative mechanical engineers employable in fields of design, research, manufacturing, safety, quality, technical services.
- PSO2** Students shall be able to progress through advanced degree, certificate programs or participate in continuing education in mechanical engineering, business, and other professionally related fields.

PRINCIPAL'S MESSAGE



Throughout history, there have been many notable engineers and inventors who have changed the way we live through their creations and innovations. The department of Mechanical Engineering always holds a commitment to excellence. Our graduate education reaches beyond the syllabus stretching out to the industry demands. Students and faculty work on a wide range of research projects that enable and support forefront technologies. These resources fuel our graduates with the knowledge they need to succeed. This success is measured through the university rank achieved by our student. My appreciation to the faculty and students for their significant achievements.

Dr. K.K.Rajan

HOD'S MESSAGE



I would like to share with you the 13th volume of "Magnanimous", Department of Mechanical Engineering Newsletter, to showcase the departmental activities. The "Magnanimous" will help as to communicate within Institute and also outside world. It provides all information about the academic activities organized in the department and information about co-curricular activities held during the period of July-Dec 22. I take this opportunity to congratulate all the team members and the publication team in particular for their commendable effort in bringing out the 13th successful issue of Magnanimous. On behalf of the entire Viswajyothi family I assure that, our Department works for overall growth of students and inculcate the qualities/features that are required and acceptable by Society. Hope this will impact our program with tremendous positivity and will help to reach our goal of making all our students well-trained and qualified mechanical engineer in India and abroad.

Dr. Shunmugesh K

INTRODUCTION

The Department of Mechanical Engineering has three tenets that center on the principle of improving lives and livelihoods: to create knowledge through research in the science and technology of mechanical engineering; to share knowledge through educational programs and the dissemination of our new discoveries; and to develop the professional potential of faculty, staff, and students. Mechanical Engineering department expands the frontier of human knowledge in the discipline of mechanical engineering through fundamental and applied research conducted by faculty and students. Through initiative and innovation, we expand the frontiers of the mechanical engineering profession. Our land-grant mission is based on the premise that knowledge is beneficial to mankind and the greatest benefit comes from dispersing knowledge as widely as possible. We share knowledge with our students through educational programs and all of society through disseminating our research findings in scholarly publications, presentations, patents, entrepreneurship, and technology transfer. Through classroom, laboratory, and project-based instruction, undergraduate and graduate students are well served by a curriculum that is based upon the fundamental principles of mechanical engineering, as well as forward looking and set within the context of our profession's social mandate. Our curriculum prepares students for diverse and successful careers across the global engineering marketplace, and it further fosters creativity and critical thinking skills through research and design experiences

MESSAGE FROM THE EDITORIAL BOARD

During the last semester our department conducted successfully various curricular and co-curricular activities.. Participation of mechanical engineering faculty in various training program me and conferences was the most encouraging factor, which we want to continue in coming years also. Through periodic seminars, symposia, workshops, Industrial visits and industrial training as integral part of the course, the students were equipped with technical knowledge, critical thinking skill and creativity to excel in engineering profession. The mechanical engineering department is committed to create a good atmosphere for the development of young engineers in to bright professionals of future. I feel confident that the department is progressing the right direction and I congratulate the faculty and staff for their hard work and whole-hearted effort to make the department the choicest destination for aspiring mechanical engineers.

Our department maintains active research groups for carrying out collaborative and interdisciplinary research. We have state of the art research facilities to support our academic programs and research.

FACULTY ACHIEVEMENTS

- Dr. Arun Raphel was awarded Ph.D from Department of Metallurgical and Materials engineering from NIT Trichy. Thesis "Tuning Figure of Merit of Nanocrystalline Pb Sn Te Se and Bi Sb Te Se Thermoelectric Alloys via High Entropy Phenomena and Band Engineering



STUDENTS AWARDS AND ACHIEVEMENTS

- Fenuel Reji of S3 ME participated in Bike engine Assembly competition and achieved First prize during Tech Fest "Ashwamedha" conducted by Adi Shankara Engg college.
- Habel Baby of S3 ME participated in Bike engine Assembly competition and achieved First prize during Tech Fest "Ashwamedha" conducted by Adi Shankara Engg college.
- Delton Joy of S3 ME participated in Bike engine Assembly competition and achieved First prize during Tech Fest "Ashwamedha" conducted by Adi Shankara Engg college.
- Albert Shaju of S3 ME participated in Innovation on Employment - presentation Competition and achieved 3Rd prize during Drishti-2022 conducted by Entrepreneurship development club by St.Jerome,s HSS Vellaymkudy
- Vivek Joby Varkey of S3 ME participated in Innovation on Employment - presentation Competition and achieved 3Rd prize during Drishti-2022 conducted by Entrepreneurship development club by St.Jerome,s HSS Vellaymkudy
- Ahik Asok of S3 ME participated in DSLR photography competition and achieved First prize during RESILIENZ-2K22, inter college management fest conducted by SNGCE Kadayirippu

NATIONAL EDUCATION DAY- QUIZ COMPETITION

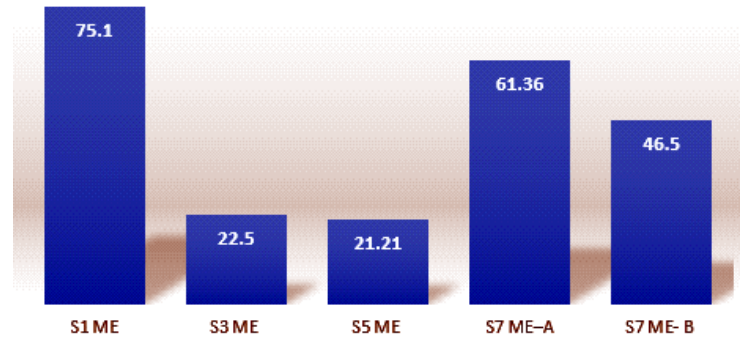
- Department of Mechanical Engineering organized a quiz competition on 15-November-2022 in accordance with National Education Day. The staff coordinator of the programme was Mr Akash Paul Savio, Assistant Professor MED



PTA MEETING

- Department of mechanical engineering conducted PTA meeting of First, Third, Fifth and Seventh semester batch on 25/11/2022, 28/11/2022, 29/11/2022 & 30/11/2022 at Mini Auditorium VJCET.

PASS PERCENTAGE



ACADEMIC RESULTS

- S1 ME – 75.1%
- S3 ME -22.5%
- S5 ME –21.21%
- S7 ME-A – 61.36%
- S7 ME- B – 46.5%

PLACEMENT DETAILS

SL.NO	NAME	COMPANY
1	Abhishek Mukesh	Sutherland
2	Abin Cheriyan	Sutherland
3	Aditya Giri	Sutherland
4	AKASH ADITHYAN	Sutherland
5	AKSHAI JOSE	Sutherland(V)
6	AKSHAY KRISHNA U	TCS
7	Alvin siby	Sutherland
8	Anandu Suresh	TCS
		Federal Bank
9	Aravind Shajj	Sutherland(V)

- 10 Arun Tony TCS
11 Ashik Sebeesh Sutherland

ACADEMIC EXCELLENCE



S1 ME
Alby Augustin



S3 ME
Vyshnav K R



S5 ME
Ben Varghese Thampi



S7 ME-A
Ashin K Sunny



S7 ME- B
Albin Tony

Editorial Board



Editorial Board: Mr. Martin Jose, Assistant Professor