



***Quarterly News Letter from October to December '2022
For the Academic Year :2022-23.***

***DEPARTMENT OF
MECHANICAL ENGINEERING***

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EDITORIAL BOARD

<u>Name</u>	<u>Designation</u>	<u>Role</u>	<u>Department</u>
Mr. G.Janardhana Raju	Dean SoE	Chief Editor	Mechanical
Mr. P. Srinivas	Associate Prof	Editor	Mechanical
Mr. T. Mahesh	Assistant Prof	Editor	Mechanical
Mr. G. Kiran Kumar	Assistant Prof	Coordinator	Mechanical

DEPARTMENT OF MECHANICAL ENGINEERING

VISION & MISSION OF THE INSTITUTE

VISION

To be a premier institution ensuring globally competent and ethically strong professionals.

MISSION

- To provide higher education by refining the traditional methods of teaching to make globally competent professionals.
- To impart quality education by providing the state of the art infrastructure and innovative research facilities.
- To practice and promote high standards of professional ethics, transparency, and accountability.

VISION & MISSION OF THE DEPARTMENT

VISION

To be a premier center, in shaping the students as competent mechanical engineers with professional ethics.

MISSION

- Impart quality education through effective teaching- learning Methods.
- To prepare the students industry ready, to pursue higher Education and research by providing state of the art Laboratories.
- To augment industry interaction and promote entrepreneurial activities with social values.

DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT THE DEPARTMENT:

The Mechanical Engineering department was established in 2009, with the prime motto to offer surreal education to the aspirants. The department offers B.Tech in Mechanical Engineering. The responsibility of educating the students is dealt efficiently by our highly qualified faculty. They have phenomenal expertise in all mechanical engineering specializations, and hence, they explain the concepts clearly to the students. The classroom coaching is highly competent, and it plays an important role in the academic performances and careers of the students. Also, the state-of-art laboratories enable the students to participate in the practical sessions effectively. Due to the availability of advanced lab equipment, they can conduct various experiments and research activities, proving to be immensely useful to them.

Further, the presence of CAD laboratory in the campus encourages the students to implement different concepts. The laboratory consists of Design Software, like Creo-2(Pro-E), AutoCAD, etc., and Simulation Software, like ANSYS. This software can be used for a wide variety of research work and academic projects, and hence they are indispensable for the careers of the mechanical engineering students.

The department also features a CNC machine, which is usually used in industries. Our idea is to impart impeccable practical training to the students on the campus itself so that they will be ready to tackle challenging job roles after completing their studies. And, this idea of ours has led to astounding results.

We focus on practical training more because we have access to numerous companies in this sector, as we are in close proximity to the industrial hub. We know the requirements of these companies better, and hence, train our students accordingly, so that the requirements of the mechanical industry in terms of manpower and technology are met by us.

HOD's Message

We strongly believe that holistic student development is achievable by concentrating on essential areas such as concept-based learning and extensive industrial exposure. We nurture young learners based on their areas of interest.

At the second year level, students are groomed and trained in accordance with their domain selected by a psychometric exam, interview with mentor.

To match overall curriculum and industry needs, we have highly qualified, experienced, and energetic faculty members, highly competent lab personnel, and state-of-the-art, well equipped advanced labs. We have centers of excellence for CAD/CAM and ROBOTICS for enthusiast learners. I am delighted to share that we offer concept-based learning, high-quality training, industry-based projects, internships, 100% our students capable of Landing professions with reputable firms.

FACULTY ACHIEVEMENTS:

NPTEL

S No	Name of the faculty	Title	Duration	Date
1.	Mr. P. Srinivas	“The Joy of Computing Using Python”	Organized by AICTE, NPTEL Course	July – October 2022

FACULTY DEVELOPMENT PROGRAMS:

S.No	Name of the Faculty	Topic	Place / Organization	Date
1.	Mr. P. Srinivas	“The Joy of Computing Using Python”	Organized by AICTE, NPTEL Course	July – October 2022

GUEST LECTURES:

- **Guest lecture on CATIA modeling** Date :18.11.2022

Resource Person: Mr. Naresh, Trainer, Branch Manager
Canter Cad India Private Limited, Habsiguda.



- Guest Lecture on “Modeling & Simulation using Simulink Software for Engineering Applications”

Date: 19 Nov 2022

Resource Person: Dr. P. Anil Kumar, Director, Management services & Scientist- FRCI (DRDO), Hyderabad.



Industrial Visits

- Industrial visits to T-Hub on 14th NOV 2022



- Industrial visits to Ascend Power Packs Pvt. Ltd. on 18th NOV 2022



- The Institution of Engineers (India) National Seminar on Advances in Battery technologies for Electric and Hybrid Vehicles, Visvesvaraya Bhavan, Khairatabad Hyderabad. on 09.12.2022



STUDENT PLACEMENT DETAILS:

S. No	Roll Number	Name of the Students	Name of the Company
1	197Z1A0307	VIRENDER KUMAR	Prathiraj Metal Masters PVT LTD, Cherlapally,Hyderabad
2	207Z5A0301	KANGALA ARAVIND	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
3	207Z5A0302	KOPPALA MURALI KRISHNA	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
4	207Z5A0303	NEERADI SUDHEER KUMAR	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
5	207Z5A0304	NELLUTLA MAHESH	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
6	207Z5A0306	SODADASE NITHIN	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
7	207Z5A0307	VILASAGARAM RAMESH	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
8	207Z5A0308	Y.RAJARATHNAM	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
9	197Z1A0304	M VARUN KUMAR	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad
10	187Z1A0321	S AAKARSH	Prathiraj Metal Masters PVT LTD Cherlapally,Hyderabad

