

MESSAGE FROM THE CHAIRMAN



Founder & Chairman

I am extremely happy to know that the Department of Mechanical Engineering is bringing out their college magazine during this year 2022-23

In addition to the numerous achievements of the Department this is yet another mile stone in their curricular and co-curricular activities. I hope the magazine will bring creative talents of the students of the Department.

I wish them all success.

MESSAGE FROM THE SECRETARY



We are all proud that Department of Mechanical Engineering has enriched the lives and lifestyles of more than a thousand students. We can humbly claim to have added to the professionalism of the hospitality industry in these years and will continue to do so in the years ahead. I take this opportunity to congratulate the HDD Mr. K. Siva and her team for their commitment towards value based quality teaching and unstinted efforts put in to ensure that each student is cared for in the college.

I wish you all happiness in your lives...

MESSAGE FROM THE PRINCIPAL



It was quite inspiring to watch and witness the potential of Mechanical engineering students unfolding at various stages and situations each day. Trying and testing times during the hectic semester system have elected our students to put forth their best. The management and the staff have been supportive of the various activities that were undertaken by the students in view of helping them reach the pinnacle of perfection and professionalism in whatever task they took on, thus strengthen our "journey of achieving excellence" The Mechanical Department magazine exemplifies the voyage transverse and exhibits the literary skills of our students.

Congratulations to the editorial team for their determined efforts in bringing out this magazine.

MESSAGE FROM THE HOD



Warm and Green Greetings from the Department of Mechanical Engineering at HICET. Mechanical Engineering is a professional Core engineering discipline that deals with the design, production and maintenance of any produce of any industry. The pride of every student and staff would be in his/her department and college.

We are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and technology. We always work with the motto "Nothing can be achieved without genuine effort." The core values of the department help the students to develop their overall personality and make them worthy to compete and work at global level.

"Welcome to this world of Machines"

DEPARTMENT OF MECHANICAL ENGINEERING

Was started in the year 2000 by the great industrialist and philanthropist, Thiru.T.S.R.Khannaiyan. The primary objective of the Hindusthan College of Engineering & Technology is to educate and prepare men and women for leadership in industry, government, and educational institutions; to advance the knowledge base of the engineering professions; and to influence the future directions of engineering education and practice.

The College has well furnished classrooms, state-of- the-art laboratories, computer centers and a well-stocked library. Separate Hostels with all the modern amenities are provided for men and women. The campus consists of lush green lawns, a playground and also facilities for indoor games. A fleet of vehicles caters to the transport needs.

HICET believes not only in educating the students, but also grooming characters, with moral and ethical values, thus building the nation. Since its inception, the college has been providing world-class facilities & infrastructure in education and learning. The emphasis is on transformational leadership rather than directional leadership. The aim is to establish new trends, introduce innovative training methodologies, and thus guide students towards the road to success.

The educational programs in the college emphasize the understanding of fundamental principles and prepare an individual for a lifetime of learning and professional growth. The College offers 6 undergraduate and 3 post graduate courses as detailed below:



The mission of the Department of Mechanical Engineering is to produce mechanical engineering graduates who will possess the acumen, competence, and skills needed to enter, succeed, and lead in professional practice or post-graduate studies. The goal is to provide learning and nurturing environment that stimulates faculty and students to collaborate in solving practical problems, motivates lifelong learning, and helps reach their highest potential.

Mechanical Engineering is one of the most creative, broadest and most versatile of the engineering professions. Mechanical Engineers have initiated and implemented commendable progress in innovative areas like robotics, bio-engineering, microprocessor control, energy conversion, energy management, fluid dynamics, power production, manufacturing, computer-aided design, machine design, and material science. Collectively, the faculty has practical experience, solving real problems in these areas and with this experience they help students develop as transformational leaders.

The Department of Mechanical Engineering offers one program of undergraduate study. The traditional program leads to a Bachelor's Degree in Mechanical Engineering, which is a more structured program that prepares students for a broader range of career options in the field of mechanical engineering and is intended for students whose career objectives require greater flexibility in order to combine the essential elements of the traditional mechanical engineering program with study in another, complementary field.

VISION OF THE DEPARTMENT

To provide quality technical education in Mechanical Engineering and build holistic professionals who can excel in the engineering establishments and serve for the country with ethical values.

MISSION OF THE DEPARTMENT

M1: To prepare graduates with good technical skills and knowledge.

M2: To prepare graduates with life-long learning skills to meet the requirements in the higher education and in society.

M3: To prepare graduates as a successful entrepreneur with employment skills, ethics and human values.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO 1: Graduates able to apply technical expertise and skills to face the Industrial challenges.

PEO 2: Graduates able to design create and innovate economically, environment-friendly and technically feasible products with social acceptance.

PEO 3: Graduates able to exhibit professionalism in their profession with good communication, ethics and entrepreneurship skills to meet the social challenges.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO 1: Able to design, analyze and apply knowledge in complex mechanical engineering problems with time effective solutions.

PSO 2: Able to understand the relevance of engineering practices for societal requirements and become a multi faceted leader.

PROGRAM OUTCOMES (POS)

1	Engineering Knowledge: Apply the knowledge of basic sciences and engineering fundamentals to solve engineering problems.
2	Problem Analysis: Analyze the complex engineering problems and give solutions related to chemical & allied industries.
3	Design/ development of solutions: Identify the chemical engineering problems, design and formulate solutions to solve both industrial & social related problems.
4	Conduct investigations of complex problems: Design & conduct experiments, analyze and interpret the resulting data to solve Chemical Engineering problems.
5	Modern tool usage: Apply appropriate techniques, resources and modern engineering & IT tools for the design, modeling, simulation and analysis studies.
6	The engineer and society: Assess societal, health, safety, legal and cultural issues and their consequent responsibilities relevant to professional engineering practice.
7	Environment and sustainability: Understand the relationship between society, environment and work towards sustainable development.
8	Ethics: Understand their professional and ethical responsibility and enhance their commitment towards best engineering practices.
9	Individual and team work: Function effectively as a member or a leader in diverse teams, and become competent to carry out multidisciplinary tasks.
10	Communication: Communicate effectively in both verbal & non-verbal and able to comprehend & write effective reports.
11	Project management and finance: Understand the engineering and management principles to manage the multidisciplinary projects in whatsoever position they are employed.
12	Life-long learning: Recognize the need of self education and life-long learning process in order to keep abreast with the ongoing developments in the field of engineering.

THE EDITORIAL BOARD

STAFF IN CHARGES

Mr.A.NAZEER AHAMED

Mr.P.JOHN BRITTO

EDITORIAL TEAM

Mr. C. Milan Harish

Mr. R.Sudar Mani

III MECH

DESIGN TEAM

Mr. S. Praveen kumar

Mr.R.B.RajaRajan

II MECH

STUDENT'S ACTIVITIES

**HINDUSTHAN**
COLLEGE OF ENGINEERING AND TECHNOLOGY
VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE-32



DEPARTMENT OF MECHANICAL ENGINEERING
association with


Powering Business Worldwide

EATON POWER QUALITY PVT LTD

Organizing
One day workshop on
“INDUSTRY DESIGN PRACTICES”

INDUSTRY EXPERTS

 Mr.CIBI JOSEPH Manager Engineering	 Mr.C.R.G SEKARAN Director, ITD India Operations (Inauguration)	 Mr.SHAHUL HAMEEDU Dy.Manager Design	 Mr.K.PUGHAZHENDHI Asst. Manager Design
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CONVENOR
Dr.K.SIVA
HOD/ MECH

PRINCIPAL
Dr.J.JAYA

CEO
Dr.K.KARUNAKARAN



VENUE
GANGA HALL

DATE
08/11/2022

TIME
9.30 AM - 4.30 PM

One day WOrkshop on Industry Design Practices

HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
AN AUTONOMOUS INSTITUTION, APPROVED BY AICTE, ACCREDITED WITH NBA,
ACCREDITED WITH "A++" GRADE BY NAAC
COIMBATORE-32

DEPARTMENT OF MECHANICAL ENGINEERING
Invites you all for
Seminar on

**GATE way to Excellent
Career Opportunities**

GATE

Resource Person
Dr. A. Saravanakumaran
Center Head
GATE Forum & Radian IAS Academy
Coimbatore

Date: 24/11/23 Venue: GANGA HALL Time: 9.30AM - 10.30 AM

Coordinator
NAZEER AHAMED A
AP/MECH

Convenor
Dr.K.SIVA
HOD/MECH
DEAN-IIS

PATRONS

Dr.J.JAYA
Principal

Dr.K.KARUNAKARAN
CEO



Seminar on

GATe way to Excellent Career Opportunities

Resource person

Dr. A.Saravanakumaran Center Head

GATE forum & Radian IAS Academy Coimbatore

STUDENTS CONTRIBUTIONS

LOVE

Love is Mother... Mother is love...
No word can expound a mother's love...
Mother's love is beautiful...
Mother's love is patient...
Mother's love is pure...
No one can replace a mother...
A mother's heart beats for her children...
A mother's mind is ready to sacrifice everything for her children...
A mother is the soul of GOD...
Like God, a mother's love is unfathomable.

- III Mech PRAVEEN KUMAR S

Cricket and Exam

Run Out: Failing in examination due to lack of time.

Follow On: Failing to pass in March, so appearing in June.

Innings Defeat: Failing in June too.

Extras: Grace marks given by the teacher.

Retire: Fainting on seeing the question paper.

Bouncer: Not being able to understand the question.

Maiden Over: Not being able to answer six questions continuously.

Night Watchman: Father keeping a watch over the child at night.

Sixer: Child thrown out of the window due to his mark list 9, 12, and 24 out of 100.

Wide Ball: Out of syllabus.

Clean Bowled: Caught by the teacher cheating - Red handed.

Leg before Wicket: Failing in exam because of the student sitting before you did not write well

- IV Mech Vishnu Prakash D

Heartfelt Best Friend Quotes

1. *“A best friend is like a four-leaf clover: hard to find and lucky to have.” – Unknown*
2. *“True friends are never apart, maybe in distance but never in heart.” – Unknown*
3. *“A friend is someone who knows all about you and still loves you.” – Elbert Hubbard*
4. *“Friendship is born at that moment when one person says to another, ‘What! You too? I thought I was the only one.’” – C.S. Lewis*
5. *“Good friends are like stars. You don’t always see them, but you know they’re always there.” – Unknown*
6. *“A true friend is somebody who can make us feel better no matter how bad things may be.” – Unknown*
7. *“Friendship is the only cement that will ever hold the world together.” – Woodrow Wilson*

- II Mech Punithan

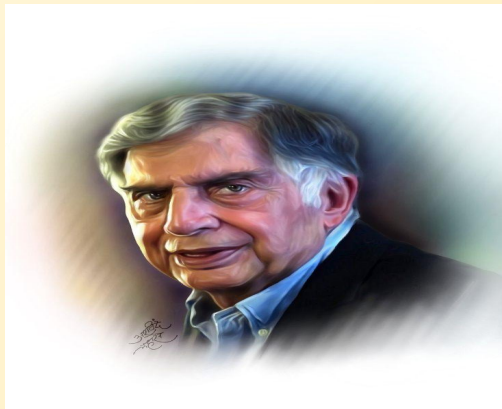
STUDENTS SPORTS ACTIVITIES



Basket Ball 2nd Place Winner in Zonal Trophy



Volley Ball 1st Price Winner in Zonal Trophy



**“ EGO IS NOT IMPORTANT IN A LIFE BUT, SELF-RESPECT IS MOST
IMPORTANT IN LIFE” .**

-RATAN TATA