

# NIRVANA

DEPARTMENT OF MECHANICAL ENGINEERING  
VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY, PUTTUR. 08251-234555



प्रत्येकश्वासः पारितोषिकमस्ति

Volume: 10

Issue: 2

Pages: 02

July 2023

BIANNUAL NEWSLETTER

## One Day Seminar

### “Career in Energy Management by Advanced Technology & Need for Core Competency”

Department of Mechanical Engineering had organized One Day Training Program on “Career in Energy Management by advanced technology & need for core competency” in association with Rachana Enercare, Mysore, Mechanical Engineering Students Association (MESA), ISTE Student Chapter & IQAC on 10/01/2023. Mr. Anil Kumar Nadiger,



Director, Rachana Enercare was resource person for the programme. The session included brief introduction of the energy audit & management, energy conservation in buildings, power quality analysis, solar power system, solar pumping system, power electronics, environment and health safety in industry. The programme was organized in Shree Rama Sabha Bhavana with around 100+ participants including staff and students from Mechanical Engineering Department. Mr. Harish S R faculty coordinator MESA welcomed the gathering and introduced resource person. Dr. Manujesh B. J, HOD. Dept. of Mechanical Engineering, Dr. Gangadharan Nair, Associate Rachana Enercare, D.K. division, Mr. Venkob Rao, Associate Rachana Enercare, Mysore division were present during the occasion. Ms. Sinchana P delivered vote of thanks.

## Vision

“ To be a well-recognized department in providing conducive environment for learning, leading to well-qualified engineers who are innovative and successful in their diverse careers”.

## Mission

**M1: Students:** To Prepare, educate, inspire and mentor the students to excel as professionals.

**M2: Faculty:** To Facilitate in academic and research activities.

**M3: Infrastructure:** To provide state of the art infrastructure facilities in the field of mechanical engineering.

**M4: Teaching Learning:** To improve pedagogical methods employed in delivering the academic programs.

## EDITORS TEAM

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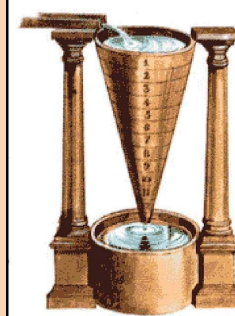
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## Clepsydras



A clepsydra, also known as a **water clock**, is one of the oldest time-measuring instruments, dating back to ancient civilizations like Egypt, Greece, China, and Babylon. These timekeeping devices evolved to include complex gears and automata, especially during the Islamic Golden Age.

**"Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away."**

— **Antoine de Saint-Exupéry**

## A talk on “CFD Overview and Simulations using OpenFoam”



Department of Mechanical Engineering had organized A talk on “CFD Overview and Simulations using OpenFoam” in association with Mechanical Engineering Students Association (MESA), ISTE Student Chapter, Alumni Association & IQAC on 14/03/2023. Dr. Chandrakantha Bekal, Associate Professor, Department of Aeronautical and Automobile Engineering, Manipal Institute of Technology, Manipal., had participated as a resource person for the event. The talk included brief introduction about the CFD and its applications. He also demonstrated the OpenFoam software tool to simulate the CFD Model. The talk was organized in Sir. M. V Hall, Krishna Chethana Block, with around 100+ participants including staff and students from mechanical engineering department. Prof. Harish S R, Faculty coordinator of MESA, introduced the guest and welcomed the gathering.



## Chinese South-Pointing Chariot

**Ancient civilizations developed remarkable mechanical innovations that laid the foundation for modern engineering. One such invention was the Chinese South-Pointing Chariot, a non-magnetic navigation device from the 3rd century CE that used a differential gear system to keep a pointer always facing south, regardless of the chariot's movement—centuries ahead of similar Western concepts.**



## Department Placement Report

**VIVEKANANDA**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
Puttur, D.K, Karnataka. Ph:9945575955,9945577955

Recruitment

# Congratulations

 Shashank N Autoliv India Pvt. Ltd.	 Pravjal K Ravicab Cables Pvt. Ltd., Printalix Pvt. Ltd.	 Ashik N Ravicab Cables Pvt.Ltd.	 Rakesh Aklis Engg. Solutions Ravicab Cables Pvt.Ltd.	 Hitesh B Y Ravicab Cables Pvt.Ltd.
 Prerana Kemminje DIFACTO Robotics and Automation, Vidhaathi Technologies	 Deviprasad K DIFACTO Robotics and Automation	 Mohith U K DIFACTO Robotics and Automation	 Aswin DIFACTO Robotics and Automation	 Shivaprasad DIFACTO Robotics and Automation
 Sathmani Kosssa Auto Tech Pvt. Ltd.	 Vikyth J U Kosssa Auto Tech Pvt. Ltd.	 Puneeth Rai K Kosssa Auto Tech Pvt. Ltd.	 Sharath Kumar K Kosssa Auto Tech Pvt. Ltd.	 Sambhram B Kosssa Auto Tech Pvt. Ltd.
 Gagandeep P D Kosssa Auto Tech Pvt. Ltd.	 Alwyn D'souza Kosssa Auto Tech Pvt. Ltd.	 Gurukiran K Aklis Engg. Solutions	 Hithin Rai P Aklis Engg. Solutions	 Kishan A Printalix Pvt. Ltd.
 Nishith D L CADD Center Bangalore		 Manvith Katoor CADD Center Bangalore		

**Department of Mechanical Engineering**

In the academic year 2022–2023, the Department of Mechanical Engineering achieved remarkable placement outcomes, marking a significant milestone in its continued commitment to student career development. Out of the total eligible candidates, an impressive 92% were successfully placed across various sectors, including core mechanical industries, automotive, manufacturing, and emerging domains such as automation and data-driven maintenance systems.