

NIRVANA

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



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BIANNUAL NEWSLETTER

Seminar on "Project Management"

Department of Mechanical Engineering had organized Seminar on "Project Management" in association with Mechanical Engineering Students Association (MESA), ISTE Student Chapter, Alumni Cell & IQAC on 06/09/2024. Mr. Shamith, Project Engineer, Automech Steel, Abudhabi had participated as a resource person for the event. He gave insight on the importance of Project Management topics such as Planning, Organization, Execution, and Risk management in industries. He emphasized that there will be lot of job opportunities in the mechanical engineering field in near future. He motivated students to get trained in the domain and grab the opportunities. Mr. Harish S. R. Coordinator of MESA introduced the speaker and welcomed the gathering. Mr. Sudarshan M.L., Assistant Professor, Dept. of Mechanical Engineering delivered vote of thanks to the resource person.



EDITORS TEAM

Mr. Sudarshan M L
- Chief Editor
Mr. Ajith Kumar
Mr. Satheesha Kumar
- Co- Editors
Mr. Sooryakanth
Ms. Vidhath H U
- Associate Editors



"A Mechanical Engineer is a dreamer in steel and motion—crafting the invisible forces that move the world."

Vision

"To be a well-recognized department striving continuously by providing conducive environment for learning, leading to, creative and innovative Mechanical Engineers"

Mission

- M1: Students:** To prepare, educate, inspire and mentor the students to excel as Professionals.
- M2: Faculty:** To edify, encourage and support in academic and research activities.
- M3: Infrastructure:** To render facilities and infrastructure in the field of Mechanical Engineering.
- M4: Teaching Learning:** To improve pedagogical methods employed in delivering the academic Programs to the needs of the industry.

The Aeolipile was an early steam reaction turbine

It was devised by the great Heron of Alexandria in the 1st Century AD. This relatively simple device works by heating a reservoir of water within the device to generate steam. The steam is then conducted through one of the copper supports to a pivoted brass sphere. Once the steam reaches the sphere, it escapes through one of two nozzles at the ends of two small, oppositely pointing arms. The escaping steam generates thrust and causes the sphere to rotate.



INNOVATION

TACKLE Startup Hackathon

On 28th September 2024, Vivekananda College of Engineering and Technology (VCET), Puttur, hosted a landmark event titled "Tackle Startup Hackathon," organized in collaboration with three prominent bodies of the institution—E-Cell VCET, the Entrepreneurship Development Cell (EDC Cell), and the Mechanical Engineering Students Association (MESA). The primary objective of this hackathon was to ignite the entrepreneurial flame within the student community, encouraging participants to think critically about real-world problems and devise innovative solutions in the form of startup ideas.

The event opened with great enthusiasm and a sense of purpose at 9 AM. It began with the ceremonial inauguration, led by Dr. Mahesh Prasanna K., Principal of VCET Puttur. In his inaugural address, Dr. Prasanna emphasized the importance of cultivating a startup ecosystem in academic institutions to prepare students for the ever-evolving business and technology landscapes. The inauguration was graced by key figures from the college, including Dr. Manujesh B. J., Head of the Mechanical Engineering Department; Dr. Deepak K B., Coordinator of E-Cell; and Mr. Harish S. R., Coordinator of MESA. Their presence signified the strong support from the institution's leadership for fostering innovation and entrepreneurship among students.



Seminar on "Introduction to Digital Manufacturing"

The Department of Mechanical Engineering, in collaboration with the Mechanical Engineering Students Association (MESA), hosted a seminar on "Introduction to Digital Manufacturing" on November 12, 2024. The seminar featured three expert resource persons: Mr. Royston Malcolm Fernandez, Mr. Abhinav Krishnan, and Mr. Vignesh V Kini, who provided valuable insights into the evolving landscape of Digital Manufacturing. They explored key topics, including Computer-Aided Manufacturing (CAM), Computer-Aided Engineering (CAE), and Computer-Aided Design (CAD), highlighting their relevance and applications in the mechanical engineering industry.

The speakers also introduced students to important software tools that are shaping the future of the field, such as Siemens NX and SCADA, emphasizing their role in modern manufacturing processes. They highlighted that with the increasing integration of digital technologies into manufacturing; numerous job opportunities are emerging in the mechanical engineering sector. The event was inaugurated by Mr. Sooryakanth, Secretary of MESA, who welcomed the gathering and set the tone for the session. The resource persons were introduced by Mr. Vinoothan S N, and the seminar concluded with a vote of thanks from Mr. Gagandeep S, President of MESA, who expressed his gratitude to the speakers and participants for making the event a success.



CLEANING DRIVE

Department of Mechanical Engineering had organized "CLEANING DRIVE" program in association with Mechanical Engineering Students Association (MESA), ISTE Student Chapter & IQAC on 14/11/2024. Around 100+ participants including staff and students from mechanical engineering department had participated and made the event meaningful. State highway road at Nehru Nagara was the location for cleaning drive program. Finally, Mr. Harish S. R. and Mr. Naveen S. P., Staff coordinators, MESA briefed about the importance of cleanliness in campus premises and supervised the same. The overall event was successful resulting in a clean and tidy environment. The principal and management appreciated the initiation.



Industrial Visits

Industrial Visit for Final Year Mechanical Engineering Students

On November 24, 2024, Vivekananda College of Engineering & Technology organized an industrial visit to four Mechanical Engineering companies in Bangalore, Karnataka. This initiative aimed to provide students with practical exposure to the mechanical engineering industry, enhancing their understanding of real-world applications of their studies. The visit was organized by the HOD of the Mechanical Engineering branch, Dr. Manujesh B J, and Prof. Sudarshan M L. A team of 29 students from the 7th Semester of ME, along with 4 faculty members, have visited P M Tools and Components, WOW Mineral Waters, Kalyani Polymers and Ravicab Cables, Bengaluru.



P M TOOLS & COMPONENTS



WOW MINERAL WATERS



KALYANI POLYMERS



RAVI CABLES

Industrial Visit for Third Year Mechanical Engineering Students

On November 15th, 2024, Department of Mechanical Engineering, VCET, Puttur, organized an industrial visit to Varahi Hydro Power Plant, Udupi, Karnataka. This initiative aimed to provide students with practical exposure to the mechanical engineering industry, enhancing their understanding of real-world applications of their studies. This one-day Industrial Visit was organized by Prof. Naveen S P. A team of 28 students of 5th Semester, ME and 5 faculties have visited Varahi.



Industrial Visit for Second Year Mechanical Engineering Students

On October 24, 2024, Vivekananda College of Engineering & Technology organized an industrial visit to three core mechanical engineering companies in Mangaluru, Karnataka. The visit was organized by HOD of Mechanical engineering branch Dr. Manujesh B J. & Prof. Raghavendra Prasad S.A. A team of 31 students of 3rd Semester, ME and 4 faculties have visited New Mangalore Port, GTTC and Gurucharan Industries at Mangalore.



"Mechanical Engineering is the Art of Turning Ideas into Reality Through the Power of Design, Motion, And Mechanics"

Alumin Talk on “Career Guidance”

Department of Mechanical Engineering had organized Seminar on “Career Guidance” in association with Mechanical Engineering Students Association (MESA), ISTE Student Chapter, Alumni Cell & IQAC on 21/11/2024. Mr. Shishira Varadha, Manager, JK Tyres, Mysore, had participated as a resource person for the event. He gave insight into the importance of mechanical engineering in industries and emphasized that there will be a lot of job opportunities in designing field. He motivated students to get trained in the domain and grab the opportunities. The session was demonstrated using real-world examples/case studies. The seminar was organized at Krishna Chethana block with around 25+. Mr. Gagan, introduced the speaker and welcomed the gathering.



A Talk on “IMPORTANT FACTORS TO BE CONSIDERED DURING THE FABRICATION OF KARTS FOR THE RACING EVENT”

Department of Mechanical Engineering organized a talk on “Important factors to be considered during the fabrication karts for the racing event” in association with Mechanical Engineering Students Association (MESA), ISTE Student Chapter, Alumni Cell, VCET SAEINDIA Collegiate Club & IQAC on 06/12/2024. Mr. Shamith, Senior Project Engineer, Meraki Global Energy, Dubai participated as a resource person for the event. He gave insight into the important factors such as Planning, procurement of materials, Organization, Execution, and Risk management in fabricating kart for the racing events. He motivated students to get trained in the domain and grab the opportunities. The seminar was organized at Krishna Chethana block with around 20+ participants. Dr. Deepak K B. Coordinator of VCET SAEINDIA Collegiate Club introduced the speaker and welcomed the gathering. Mr. Ramithraj., Leader of Team Reevan racing of Mechanical Engineering delivered the vote of thanks to the resource person.



VCET Puttur Achieves 100% Placement for Mechanical Engineering Students

Vivekananda College of Engineering & Technology (VCET), Puttur, has achieved a remarkable milestone by securing 100% placement for its mechanical engineering students, underscoring the institution's strong industry connections, robust academic curriculum, and dedicated training programs. This outstanding achievement reflects the college's commitment to excellence in technical education and its proactive approach in equipping students with industry-relevant skills through internships, hands-on workshops, and professional development sessions. The consistent placement success at VCET highlights the confidence that leading companies place in its graduates, making it a top choice for aspiring mechanical engineers in the region.

OUR PLACED STUDENTS OF BATCH 2024-25

