

1. Name of the event : **Technical Talk : “Industry readiness for Mechanical Engineering students.”**

2. Brief description of event : Use AI tools (chatGPT, Gemini, Claude) for content creation & also specify # tags.

Alumni Technical Talk Report

Department of Mechanical Engineering, KLS VBIT, Haliyal

Date: 21/11/2025

Venue: Block No. 15

Speaker: Mr. Shrikant Nayak, General Manager, Projects, Microfinish Valves Private Ltd, Dharwad

Topic: “Industry readiness for Mechanical Engineering students”

1. Introduction

The Department of Mechanical Engineering organized a technical talk aimed at enhancing the industry awareness and employability skills of second- and third-year Mechanical Engineering students. The session focused on understanding current industrial expectations and preparing students for future engineering roles. The talk was arranged on 21/11/2025 at 11:00 AM in Block No:15. More than 90 students and 09 staff have attended the talk.

2. Objectives of the Session

- To create awareness among students about the skills required to become industry-ready.
- To highlight the importance of core engineering knowledge and modern technological competencies.
- To guide students on improving their professional and technical skill sets for better career prospects.

3. Session Highlights

The event began with a brief introduction of the resource person, followed by Mr. Shrikant Nayak delivering a comprehensive and interactive talk on the topic “Industry Readiness of Mechanical Engineering Students.”

He elaborated on the current expectations of mechanical industries and the gap between academic learning and practical requirements and said this talk is on from classroom to shopfloor. He emphasized the following key areas:

Key Points Covered

Importance of strengthening core engineering fundamentals such as design, manufacturing, thermodynamics, and materials.

Growing significance of Industry 4.0 technologies including automation, IoT, digital manufacturing, and data-driven engineering.

Necessity of proficiency in CAD/CAE tools and simulation software used widely in industry.

Value of hands-on experience through internships, industrial visits, and real-time project work.

Development of essential soft skills—communication, teamwork, leadership, and problem-solving.

Building a strong professional portfolio with design models, project work, and achievements.

Expressed importance of 6s sort. set in order, shine, standardize, sustain and safety

Mr. Nayak encouraged students to adopt continuous learning, stay updated with technological advancements, and develop a proactive attitude toward industry expectations.

4. Outcome of the Program

Students gained clarity on the skills required for industry readiness.

Increased motivation to strengthen both technical and interpersonal skills.

Better understanding of industry trends, opportunities, and career pathways.

Enhanced awareness of practical training, certifications, and software tools needed for employability.

5. Conclusion

The technical talk by Mr. Shrikant Nayak was highly informative and beneficial for Mechanical Engineering students. It provided valuable insights into the competencies and skills needed to meet industrial demands. The Department of Mechanical Engineering extends its gratitude to the resource person, faculty members, and students for making the event successful.

The event was arranged and co-ordinated by Prof. G.R.Sattigeri. He also welcomed the gathering and introduced Shri Shrikant Nayak, speaker to the gathering. Dr K.S.Pujari, HOD, Mechanical Engg Department addressed the gathering and told students to take maximum use of speakers expertise in their respective fields and gave vote of thanks.

We Thank our beloved Principal Dr.V.A Kulkarni sir and Management for their constant support in conducting such endeavours, which increases institute and industry interaction. We also thank our HOD Dr K.S.Pujari for helping in arranging Alumni Talk. Few snapshots of the program are given below

3. Name of the Resource person to be tagged: **Mr. Sandeep Patil, , Senior Manager, LCV ,Tata motors Ltd, Dharwad and 2013 batch alumni of KLS Vdit Haliyal**

4. Relevant Photos (Good quality) of the event without Geo Tag



