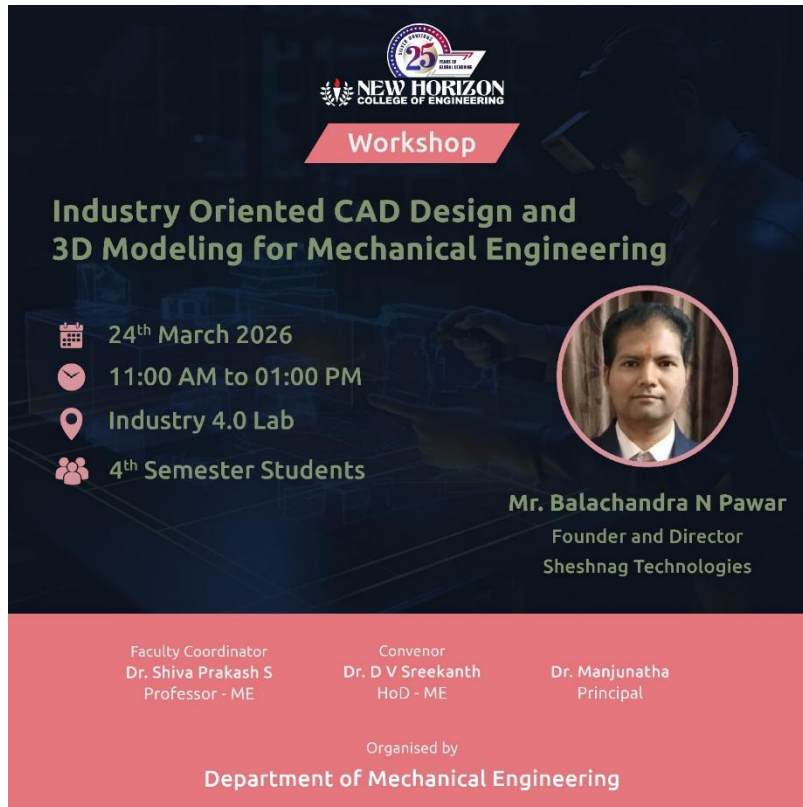


**Workshop on Industry - Oriented CAD Design and 3D Modeling  
for Mechanical Engineering**



The poster features the New Horizon College of Engineering logo at the top, including a 25th anniversary emblem. Below the logo is a pink banner with the word "Workshop". The main title is "Industry Oriented CAD Design and 3D Modeling for Mechanical Engineering". The event details are listed on the left: "24<sup>th</sup> March 2026", "11:00 AM to 01:00 PM", "Industry 4.0 Lab", and "4<sup>th</sup> Semester Students". On the right is a circular portrait of Mr. Balachandra N Pawar, with his name and title "Founder and Director, Sheshnag Technologies" below it. The bottom section, on a pink background, lists the Faculty Coordinator (Dr. Shiva Prakash S, Professor - ME), Convenor (Dr. D V Sreekanth, HoD - ME), and Dr. Manjunatha (Principal). It also states "Organised by Department of Mechanical Engineering".

**Resource Person:** Mr. Balachandra N Pawar

**Designation:** Founder and Director

**Date:** 24th March 2026

**Venue:** Industry 4.0

**Participants:** 4<sup>th</sup> Semester Mechanical

Engineering Students

**No of Participants:** 42

**Timings:** 11.00 AM – 1.00 PM

The New Horizon College of Engineering successfully conducted a workshop on “Industry-Oriented CAD Design and 3D Modeling for Mechanical Engineering” on 24th March 2026 at the Industry 4.0 Lab. The session was organised by the Department of Mechanical Engineering for 4<sup>th</sup>-semester students.

The workshop was delivered by Mr. Balachandra N Pawar, Founder and Director of Sheshnag Technologies, who brought valuable industry insights into modern CAD tools and 3D modelling practices.

During the session, students were introduced to the fundamentals of Computer-Aided Design (CAD), 3D modelling techniques, and their applications in real-world engineering scenarios. The resource person explained industry standards, design workflows, and the importance of CAD in product development across sectors such as manufacturing and automotive engineering.

A key highlight of the workshop was the live demonstration of 3D modelling, where students observed the creation of components, assembly of parts, and visualisation techniques. The session also included discussions on practical challenges faced in industry and how CAD tools are used to solve them efficiently.





The workshop witnessed active participation from students, who engaged in interactive discussions and clarified their queries. The session significantly enhanced their understanding of design concepts and encouraged them to explore advanced CAD tools.

The event was coordinated by Dr. Shiva Prakash S, with Dr. D V Sreekanth, Head of the Department, serving as the convenor. The programme was conducted under the guidance of Dr. Manjunatha, Principal.

The workshop was highly informative and beneficial, providing students with valuable exposure to industry-oriented design practices and strengthening their technical skills.