



Hope Foundation's
Finolex Academy of Management & Technology, Ratnagiri
Department of Mechanical Engineering
A Guest Lecture

The Department of Mechanical Engineering at Finolex Academy of Management and Technology, Ratnagiri, organised a guest lecture by **Mr. Ajinkya Bapat**, Senior Manager and Energy Auditor at **Johnson Controls Building Technologies & Solutions (BT&S) India, West**, on **Friday, 25th July 2025**.

During the session, Mr. Ajinkya Bapat provided insights into the **fundamentals of heating, ventilation, air conditioning, and refrigeration (HVACR)**. He also elaborated on the **functioning of chillers** and the importance of conducting **energy audits** for chillers used in various air conditioning plants.

The session was specifically conducted for **final-year Mechanical Engineering students** in connection with their major project, which focused on **chiller energy audits and the application of machine learning in air conditioning systems**. **Johnson Controls BT&S India, West**, a part of the global leader in smart building solutions, specialises in delivering **energy-efficient, sustainable, and intelligent building technologies** that promote healthier and more productive environments. A total of **17 students** participated in the session. Prof. V. S. Bagade and Prof. G. M. Kirkire coordinated the event.



Mr. Ajinkya Bapat, along with Dr. M. S. Kirkire



Mr. Ajinkya Bapat is delivering a guest lecture.



Students, along with the Faculty



Students