

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati Department of Mechanical Engineering

Guest Lecture Report

Topic: Industrial Chillers

Date and Time: 14th October 2023, Time:10.30 AM to 11:30 AM

Organized By: Jointly by VPKBIET Alumni Association and Department of Mechanical Engineering, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology,

Baramati.

Resource Persons: Mr. Dnyaneshwar A. Kshirsagar

Manager (Design Engineering) at M/s. Kirloskar Chillers Pvt. Ltd.

BE Mechanical(2008), VPCOE, Baramati, Pune

Objective:

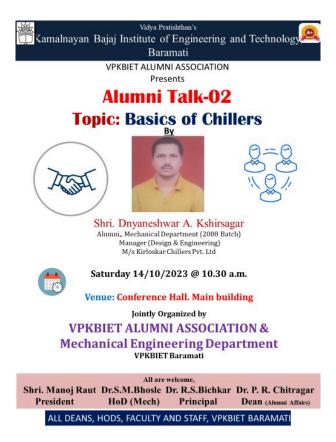
The primary objective of the session was to provide students with practical insights into the design, functioning, and applications of industrial chillers, as well as to bridge the gap between academic knowledge and industry practices.

Content Covered:

- ➤ Principle of Operation of Industrial Chillers: Explanation of the refrigeration cycle and working mechanism.
- > Types of Chillers: Comparison between air-cooled and water-cooled chillers.
- > Design Considerations: Factors influencing the design and selection of chillers.
- ➤ Energy Efficiency and Sustainability: Techniques to enhance energy efficiency and reduce carbon footprint.
- ➤ Industry Trends and Innovations: Recent advancements in chiller technology and future prospects.

No. of Students Attended: 31 students from BE-Mechanical

Flyer:



Photos:







Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

VPKBIET ALUMNI ASSOCIATION & MECHANICAL ENGG. DEPARTMENT

ALUMNI TALK ON BASICS OF CHILLERS - By Shri. Dnyaneshwar A. Kshirsagar

Date: 14/10/2023

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Coordinator:

• Dr. P. R. Chitragar, Professor and Dean Alumni, Mr. Keshav Jadhav, Assistant Professor, Department of Mechanical Engineering, VPKBIET, Baramati