



**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:

Vidya Pratishthan's  
Kamalnayan Bajaj Institute of Engineering and Technology  
Baramati  
VPKBIET ALUMNI ASSOCIATION  
Presents

**Alumni Talk-02**  
**Topic: Basics of Chillers**  
By



**Shri. Dnyaneshwar A. Kshirsagar**  
Alumni., Mechanical Department (2008 Batch)  
Manager (Design & Engineering)  
M/s Kirloskar Chillers Pvt. Ltd

**Saturday 14/10/2023 @ 10.30 a.m.**

**Venue: Conference Hall. Main building**

Jointly Organized by  
**VPKBIET ALUMNI ASSOCIATION &  
Mechanical Engineering Department**  
VPKBIET Baramati

All are welcome,  
**Shri. Manoj Raut Dr.S.M.Bhosle Dr. R.S.Bichkar Dr. P. R. Chitragar**  
**President HoD (Mech) Principal Dean (Alumni Affairs)**

**ALL DEANS, HODS, FACULTY AND STAFF, VPKBIET BARAMATI**

## 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

Sr. No.	Name of Student	Class	Branch	Mobile no.	Email ID	Signature
1)	Takale Abhishhek Ashok	BE	Mech	9075775679	abhitakale2426@gmail.com	
2)	Nevase Prashant Prakash	BE	Mech	782879194	prashantnevasel@gmail.com	
3)	Pansare Omkar Ganesh	BE	Mech	9767740699	omkarpansare84@gmail.com	
4)	Power Sagar Dayanand	BE	Mech	8888581421	SP614913@gmail.com	
5)	Jadhav Saurabh shubali	BE	Mech	7888180998	saurabhjadhav070@gmail.com	
6)	Sutar Kunal vijay	BE	Mech	7083386466	kunalsutar2110@gmail.com	
7)	Burkule Anurag Mahadev	BE	Mech	9325383003	anuragburkule786@gmail.com	
8)	Pulgaurele Manohar Prameshwar	BE	Mech	9766328965	ManoharPulgaurele@gmail.com	
9)	Idage Uttkarsh G	BE	Mech	8668850742	uttkarsh.idage.mech2020@gmail.com	
10)	Nikam Rohit M.	BE	Mech	8080207637	rohitnikam7256@gmail.com	

11	Jolke Om Suhas	BE	Mech.	9145251008	omjolke175@gmail.com	
12	Dhamdhere Onkar Anirash	BE	Mech.	7038599981	Dhamdhereonkar286@gmail.com	
13	Dande Shivraj Sanjosh	BE	MECH	8600723589	snivrajdande2019@gmail.com	
14	Jadhav Pankaj Anirash	BE	MECH	7387774629	pankajadk7387@gmail.com	
15	Rajure Ghanshyam	B.E	Mech	8975782047	ghanshyamr907@gmail.com	
16	RAUT ADITYA ASHOK	BE	MECH	7498649702	ar1775331@gmail.com	
17	Phalke Rushikesh Suresh	BE	Mech	9021728693	rushiphalke70@gmail.com	
18	Jadhav Tushar Vilas	B.E	mech	9403010088	tusharjadhav2800@gmail.com	
19	Thorat Sunil Lavhaji	B.E.	Mech	9156730794	sunatthorat202002@gmail.com	
20	Aditya Sachin Are	B.E	Mech	9970604767	adity07375ore@gmail.com	
21	Pawar Aditya Handkumar	B.E.	Mech.	7083840285	pawaraditya497@gmail.com	
22	Shiraskar Sakshi Sukhadeo	BE	mech	7703811166	Sakshishiraskar25@gmail.com	
23	patil Gayatri Pramod	BE	mech	8010602208	gayatri.patil.mech.2020@vpkbiel.org	
24	Kate Piyush Chhadas	T.E	Mech	9763839257	piyush.kate.mech.2022@vpkbiel.org	
25	Nanaware Sankeet Ghansham	T.E	mech	7219632418	sankeet.nanaware.mech.2022@vpkbiel.org	
26	mahamuni Nikhil Mahesh	T.E	mech	8530697724	nikhil.mahamuni.mech.2022@vpkbiel.org	

2

27	Atharwa Sanjay More	TE	Mech	7558287773	atharwa.more.2022@VPKBIET.org	
28	Ganesh Sanjay Holkar	TE	Mech	9022868756	ganesh.holkar.mech.2022@VPKBIET.org	
29	Aditya K. Raibari	BE	Mech	9766328173	kakasheeb.aditya.mech.2021@vpkbiel.org	
30	Abhang Ankur Kondiba	BE	Mech.	9096156989	ankur.abhang.mech.2021@vpkbiel.org	
31	Kaisalya Alankar	BE	Mech	9112628871	Kaisalya.alankar.mech.2021@vpkbiel.org	

### Coordinator:

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