




## Online Webinar

On

**“Expert Lecture Series for UG and PG”**


**YouTube Link: [Click Here](#)**

Index	
1.	Brochure
2.	Schedule
3.	Attendance
4.	Report
5.	Photo Gallery





**Rayat Shikshan Sanstha's**  
**ANNASAHEB AWATE COLLEGE,**  
**Manchar, Tal-Ambegaon, Dist-Pune**  
**Department of Physics**  
**Organizing**

**Online Webinar:**  
**EXPERT LECTURE SERIES**  
**For**  
**MSc students**



**Principal Dr.K. G.Kanade**

## SCHEDULE

Sr. No.	Date and Time	Resource Person	
1	13/10/20 11.30am		Dr. Kashinath Bogle School of Physical Sciences, SRTMU, Nanded  Topic: Vacuum Technology
2	16/10/20 11.30am		Dr. Girish Gund Mahatma Phule ACS College, Panvel  Topic: Supercapacitor

## Organizing Committee

**Prof. (Dr.) Nimbalkar R.S.**

**Prof. Yewale J.E.**

**Ms. Mahakal S.C.**

**Mr. Padvi M.A.**

**Mr. Mhaske V.P.**

**Mr. Kashid S.T.**

**Note:**

- Webinar will be conducted via ZOOM MEET
- Link will be shared before 20 min of the lecture

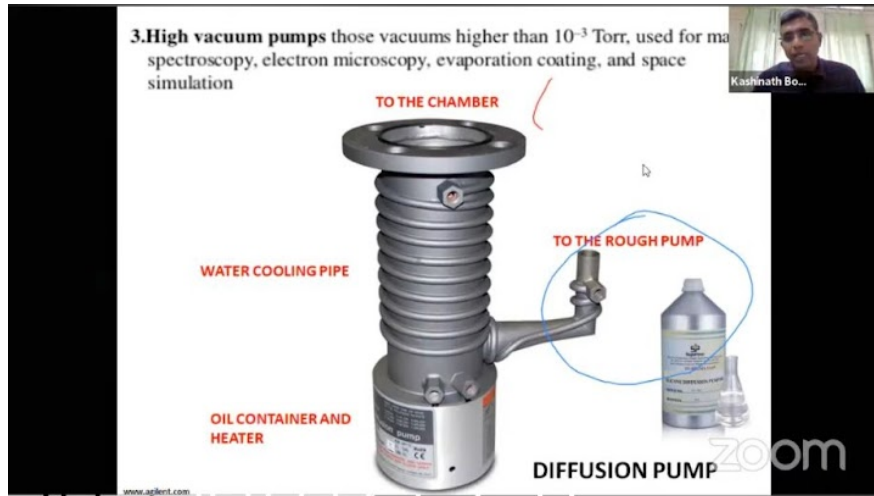
# Attendance



The image shows a screenshot of a Zoom meeting interface. On the left, there is a video feed of a man with glasses, identified as Kashinath Bogle. The top of the screen shows a 'LIVE' indicator and a 'Close' button. On the right, there is a 'Participants (35)' list. The list includes the following participants:

- mohansing padavi (me)
- Annasaheb Awat... (Host)
- KB Kashinath Bogle (Co-host)
- Afroj Dange
- AP Amol padekar
- AA Arati Awate
- AS Awate Shraddha Sudhakar
- GA Galaxy A7
- I iPhone
- IJ iPhoneYewale Jalindar Ekn...
- KD Kajal Dhumal.
- KS kirti Shinde

# 154 YouTube Views



## Description

### Vacuum Technology (Dr.Kashinath Bogle)

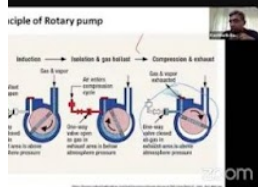
6 Likes

154 Views

2020  
13 Oct

## Chapters

View all



0  
Principle of Rotary Pump



33:00  
High Vacuum Pump



37:30  
Diffusion Pump



Rayat Shikshan Sanstha's  
Annasaheb Awate College, Manchar  
Department of Physics

Webinar Report: 2020-21

In academic year 2020-21 the Department of Physics has organized the “**Expert Lecture Series for UG and PG Students**” on 13<sup>th</sup> and 16<sup>th</sup> October 2020 at 11.30am via ZOOM portal. Dr. Kashinath Bogle from School of Physical Sciences, SRTMU, Nanded was the chief guest for the first day. He has guided on the topic of Vacuum Technology by illustrating various examples, need of vacuum and applications in various fields. He has shared the information of various vacuum pumps to achieve the vacuum and their vacuum range and limitations. He also motivated the students for research by telling various opportunities in India. Dr. Girish Gund from Mahatma Phule ACS College, Panvel was the chief guest on second day of the program. He talked on the topic of Supercapacitor: Today and Tomorrow. In his talk he had covered various topics related to research, applications and limitations. He has explained the research and career opportunities about Physics in India and abroad. Principal Dr. K. G. Kanade was President of this program. Total 127 students were taken the benefit of this program. All faculty members of Department of Physics have taken efforts to make this program to grand success. The attendance of students and some photos has been attached herewith.

*Ranjana Salun*

*Ranjana Salun*  
**Principal**  
Annasaheb Awate College,  
Manchar, Dist. Pune

# Photo Gallery

## Principle of Rotary pump

The diagram shows the three stages of a rotary pump's operation:

- Induction:** Gas ballast valve open. One-way valve closed as gas in exhaust area is above atmosphere pressure. Gas & vapor enters the chamber.
- Isolation & gas ballast:** One-way valve open as gas in exhaust area is below atmosphere pressure. Air enters compression cycle.
- Compression & exhaust:** One-way valve closed as gas in exhaust area is above atmosphere pressure. Gas & vapor exhausted.

[https://www.industrialheating.com/ext/resources/Issues/Issues2/2017/Jan/ih0117\\_hldr\\_fig1-900.jpg](https://www.industrialheating.com/ext/resources/Issues/Issues2/2017/Jan/ih0117_hldr_fig1-900.jpg)

The screenshot shows a Microsoft PowerPoint slide with the following content:

- Header:** Rayat Shikshan Sanstha's ANNASAHEB AWATE COLLEGE, Manchar, Tal-Ambegaon, Dist-Pune, Department of Physics.
- Organizing:** Online Webinar: EXPERT LECTURE SERIES.
- Logo:** Rayat Shikshan Sanstha, Manchar.
- Speaker:** Principal, Dr. Karande.
- Agenda:** A table listing topics and speakers.
- Organizing Committee:** List of names and titles.