

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur**

**Department of Microbiology**

**Session 2024-2025**

**Organizes**

**Popular Science Lecture**

**On**

**Microscopy: A Key to Understanding the Microscopic  
World**

**Date – 25/01/2025**

**Shri Shivaji Education Society Amravati's Science College, Congress Nagar,  
Nagpur**

**Popular Science Lecture**

**Jointly organized by IWSA, WGRC, Department of Microbiology  
and Botany**

**2024-2025**

**Notice**

S.S.E.S.A's Science College, Nagpur in association with Indian Women Scientists' Association, Nagpur Chapter is organizing a programme on "Popular Science Lecture" on 25<sup>th</sup> Jan 2025. All the teaching staff and students are hereby informed to attend the programme.


**Guest Speaker:** Prof. Anuradha Nerurkar, Head Faculty of Science  
Maharaj Sayjirao University of Baroda,  
Gujrat

**Time:** 12.30 pm

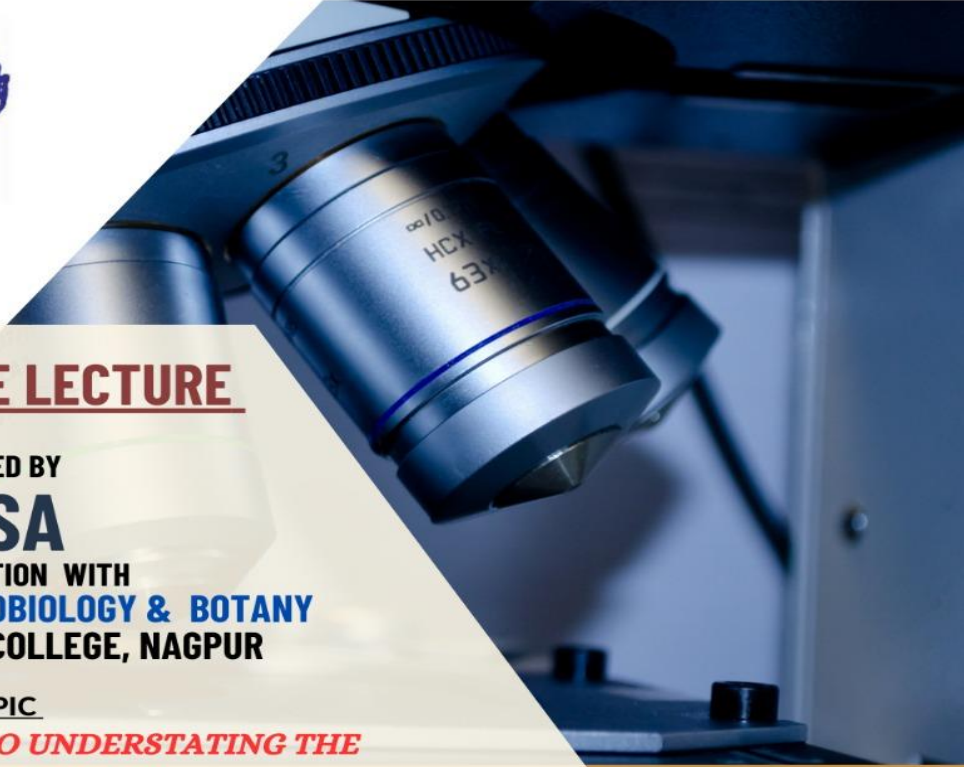
**Venue:** C-3, Department of Physics

  
Dr. Yogita Meshram  
Convener  
Women Grievance Redressal Cell

Dr. Pranita Gulhane  
PG Co-ordinator  
Department of Microbiology

  
Dr O. S. Deshmukh  
Principal  
Science College  
Congress Nagar, Nagpur

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## **POPULAR SCIENCE LECTURE**

ORGANIZED BY

**IWSA**

IN ASSOCIATION WITH

**WGRC, DEPT. OF MICROBIOLOGY & BOTANY  
SHIVAJI SCIENCE COLLEGE, NAGPUR**

TOPIC

**MICROSCOPY : A KEY TO UNDERSTATING THE  
MICROSCOPIC WORLD**

### **Resource Person:**

**Dr. Anuradha Nerurkar**

Professor of Microbiology (retd), Dept. of Microbiology & Biotechnology, The Maharaja Sayajirao University ,Vadodara Gujarat

### **Organizer & Chairperson**

**Dr. O. S. Deshmukh**

Principal

### **Conveners**

**Dr. Seema Somalwar (IWSA)**

**Prof. Yogita Meshram (WGRC)**

**Dr. Pranita Gulhane (Microbiology)**

**Dr. Reshma Sonwalkar (Botany)**



### **Lecture Highlights**



#### **Objective:**

Discover the hidden world through microscopy, revealing life at a cellular and molecular level. Learn how powerful techniques unlock new scientific insights. Join us to explore the microscopic realm's impact on technology and research.



#### **Scope**

Microscopy enables the study of tiny structures beyond the naked eye, unlocking insights into biology, materials, and medicine. It's essential for advancing research and technological innovations.

**DISCOVER THE HIDDEN WORLD AND UNLOCK THE FUTURE OF SCIENCE WITH MICROSCOPY!**

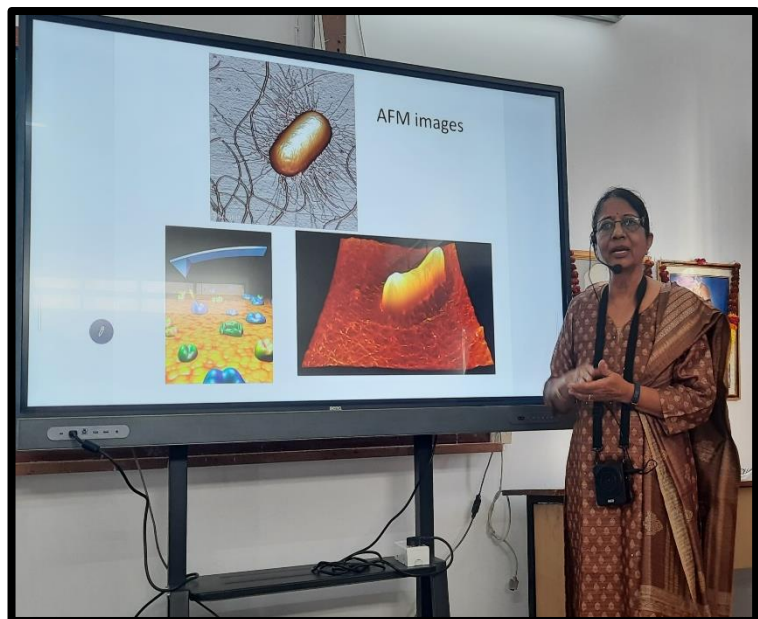
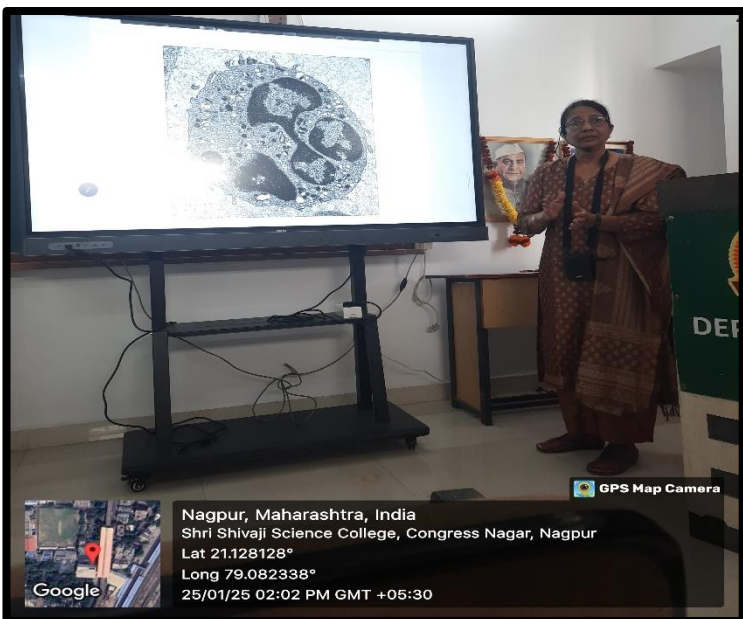
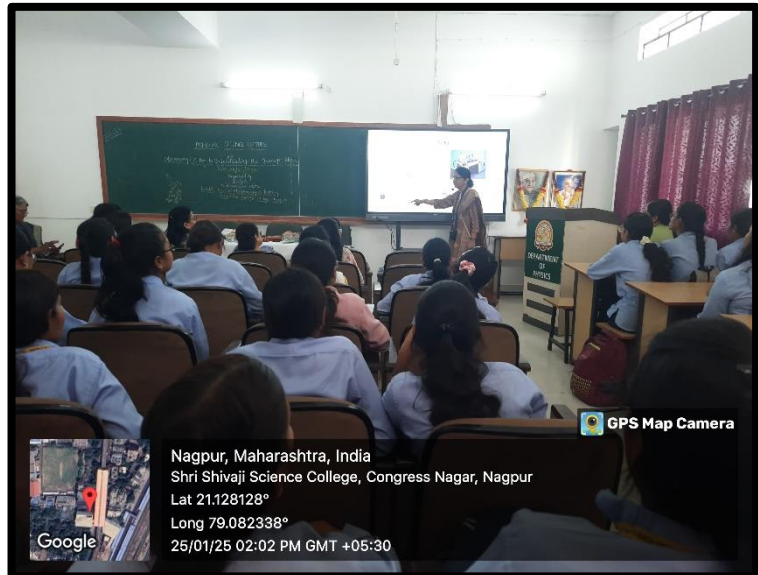
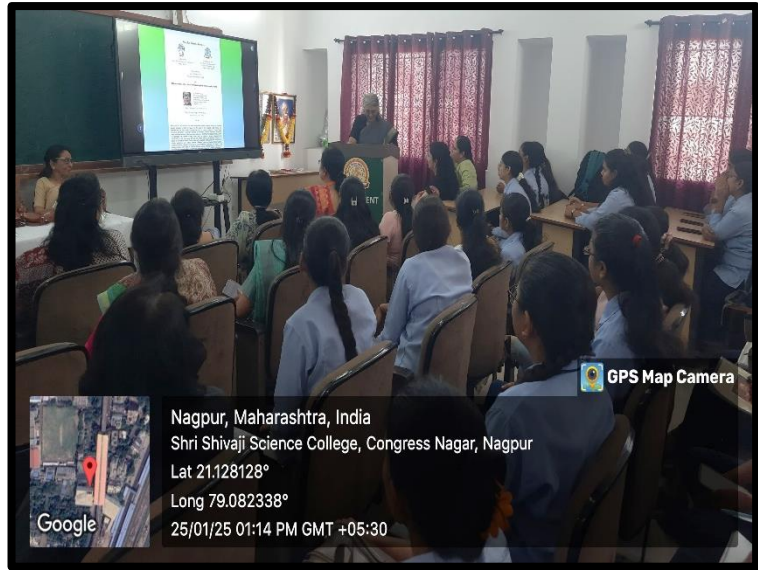
**Date : 25/01/2025 | Time: 12:30 PM  
Venue : C-3, Dept. of Physics**

A popular science lecture on “Microscopy: A Key to Understanding the Microscopic World” was organized by IWSA in collaboration with WGRC, Department of Microbiology & Botany, Science College, Nagpur. The event was chaired and organized by Dr. O.S. Deshmukh, with Dr. Seema Somalwar (IWSA), Prof. Yogita Meshram (WGRC), Dr. Pranita Gulhane (Microbiology), and Dr. Reshma Sonwalkar (Botany) serving as conveners. Dr. Anuradha Nerurkar, Retired Professor of Microbiology from The Maharaja Sayajirao University, Vadodara, Gujarat, was the distinguished resource person for the lecture. Hon’ble Principal addressed the students, encouraging them to subscribe to IWSA for direct communication with scientists and to engage in the organization of similar lectures or workshops at least twice a year.

The lecture emphasized the significance of microscopy in examining the microscopic world at both cellular and molecular levels, illustrating how advanced methods lead to important scientific breakthroughs. The discussion also explored the wide-ranging applications of microscopy in fields such as biology, materials science, and medicine, highlighting its essential role in driving research and technological progress. As a part of an interactive exercise, students were shown images of different microscopes and were asked to identify them, with chocolates distributed to those who answered correctly.

**Action taken:** A total of 38 students participated in the lecture, where the importance of microscopy in exploring the microscopic world at cellular and molecular levels was emphasized. The lecture demonstrated how advanced techniques in microscopy lead to significant scientific discoveries and explored its wide applications in biology, materials science, and medicine, highlighting its role in advancing research and technological progress. As a part of the session, different types of microscopes were explained, and students were given an exercise to identify various microscopes based on images shown at the end of the lecture. This hands-on exercise enhanced their practical understanding of microscopy and its diverse applications in scientific research. The lecture provided valuable insights and benefits, encouraging students to deepen their knowledge and interest in the field of microscopy.









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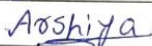

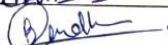

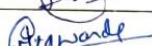
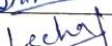
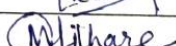
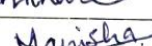
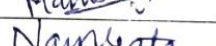
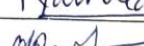
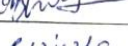
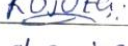

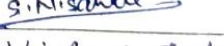
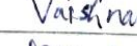
Attendance Sheet - M.Sc. 1<sup>st</sup> Year

Date: 25/01/2025

Sr. No.	Name of Students	Signature
1	Anjali Dave	Anjali
2	Aparna Kurrewar	Aparna
3	Chitra kaikade	Chitra Kaikade
4	Masum Atram	Masum
5	Mohini Jogi	Mohini
6	Mrunali Umale	Mrunali
7	Mrunmai kamble	Mrunmai
8	Pallavi Garade	Pallavi
9	Pallavi Lataye	Pallavi
10	Priti Manna	
11	Rajnandini Bisen	RHBisen
12	Rameshwari shende	Rameshwari
13	Raveena Khadse	Raveena
14	Riya Suryawanshi	Riya
15	Sakshi Raut	Sakshi
16	Saloni Sahu	
17	Samiksha Tajane	Samiksha
18	Shruti Lahamage	Shruti
19	Snehal Meshram	Snehal
20	Tannu Atkari	Tannu
21.	Tanusree. Hajare	Tanusree

Attendance Sheet - M.Sc. II<sup>nd</sup> Year

Date: 25/01/2025

Sr. No.	Name of Students	Signature
1	Akanksha R. Bisen	
2	Akanksha V. Tekade	
3	Anisha A. Shende	
4	Anuradha P. Khope	
5	Arshiya S. Mushtaque	
6	Arya S. Walode	
7	Astha A. Sakharwade	
8	Bhisvani M. Dhurve	
9	Ishita Y. Padgil	
10	Ishwari N. Gawande	
11	Leena N. Meher	
12	Manisha G. Lilhare	
13	Manisha R. Roy	
14	Namrata O. Nagose	
15	Ojaswini R. Bhagat	
16	Rujuta R. Ramteke	
17	Shamim M. Shahzad	
18	Snehal N. Sahare	
19	Vaishnavi V. Ingle	
20	Yashoda R. Wade	

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**FEEDBACK FORM**

Q.1) How satisfied were you with the lecture?

- a) Very Satisfied
- b) Satisfied
- c) Neutral

Q.2) How engaging was the interactive exercise where you identified different microscopes from images?

- a) Very Engaging
- b) Engaging
- c) Neutral

Q.3) Did you find the lecture on microscopy interesting and informative?

- a) Very interesting
- b) Interesting
- c) Neutral

Q.4) Did the lecture enhance your understanding of microscopy and its applications?

- a) Yes
- b) No

Q.5) Would you be interested in attending similar lectures or workshops in the future?

- a) Yes
- b) No



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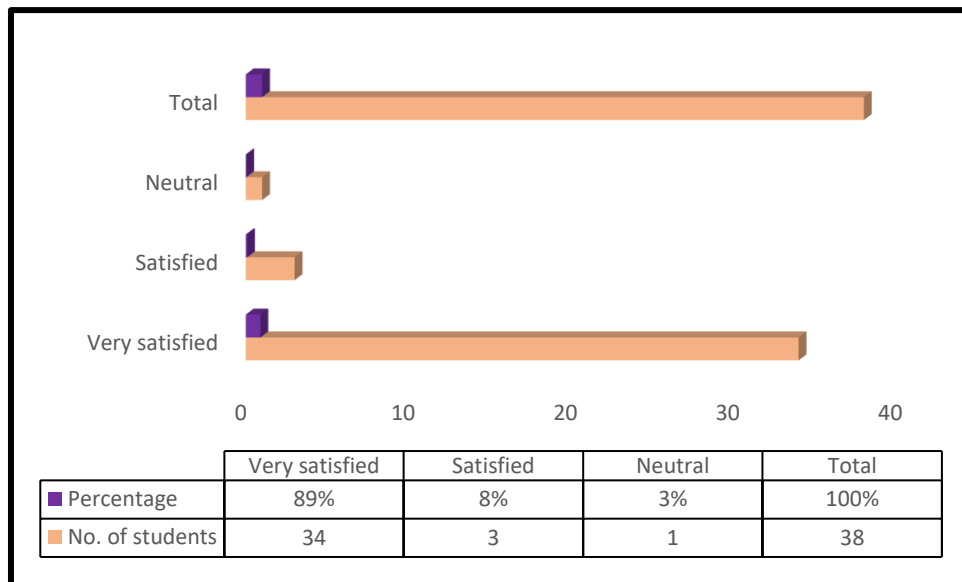
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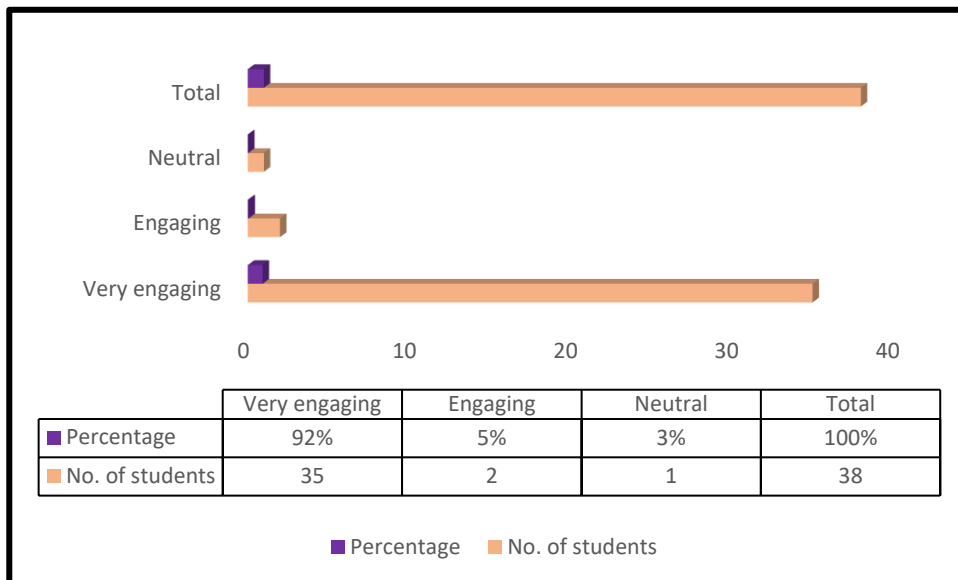
**Date – 25/01/2025**

**FEEDBACK RESPONSES**

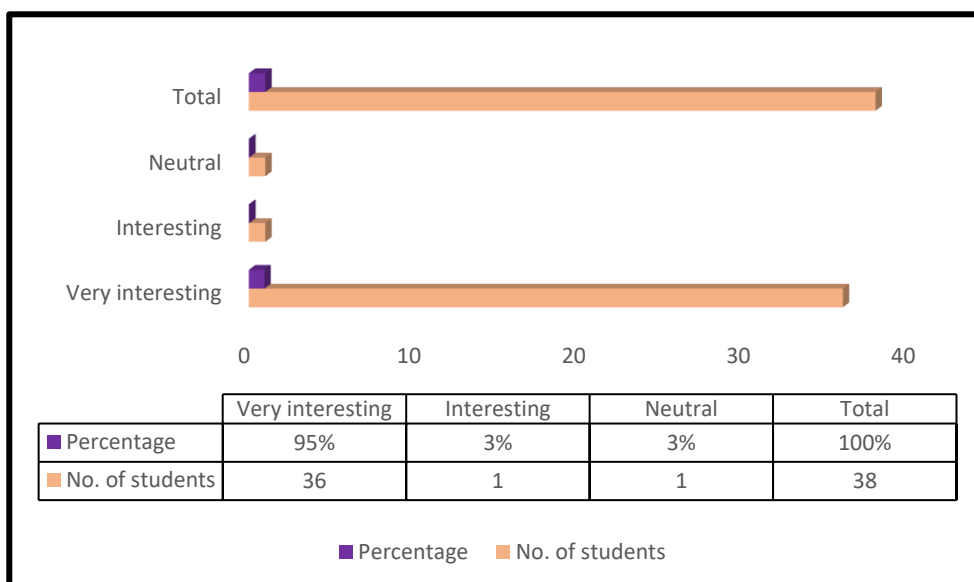
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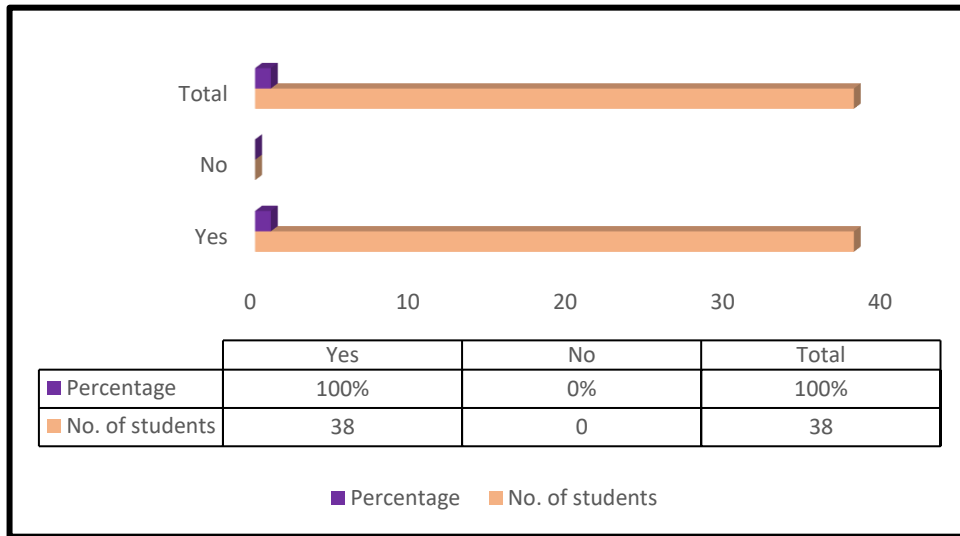
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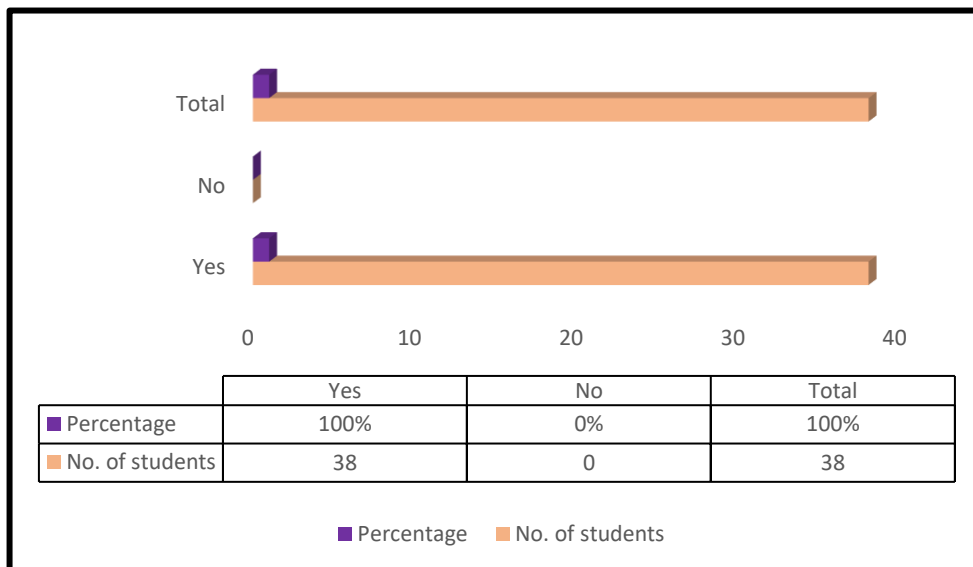
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Q.4) Did the lecture enhance your understanding of microscopy and its applications?



Q.5) Would you be interested in attending similar lectures or workshops in the future?



**Dr. Pranita Gulhane**