



**VPM'S B.N BANDODKAR COLLEGE OF SCIENCE**  
**(AUTONOMOUS), THANE (W)- 400 601.**

**DEPARTMENT OF CHEMISTRY**

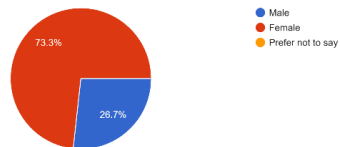
**ACTIVITY REPORT**

<b>Name of activity</b>	Certificate Course on “Instrumentation & Preparation of Standard Solutions 2024-25.”
<b>Objectives of the activity (maximum 40 words)</b>	<ul style="list-style-type: none"> <li>• Understand basic principles of key laboratory instruments.</li> <li>• Learn accurate preparation of standard solutions.</li> <li>• Develop practical skills in instrument calibration and maintenance.</li> <li>• Interpret analytical data with precision.</li> <li>• Follow Good Laboratory Practices (GLP) and safety protocols.</li> <li>• Apply theoretical knowledge in lab and industrial settings.</li> </ul>
<b>Organizing departments</b>	Department of Chemistry
<b>Collaborative institute</b>	-
<b>Date (DD/MM/YYYY)</b>	02/01/2025 to 04/03/2025.
<b>Venue</b>	Chemistry Lecture Hall 1 and 2, Chemistry Main Lab.
<b>Mode</b>	Offline
<b>Details of Resource person</b>	1. Prof. Dr. A. S. Goswami-Giri. 2. Dr. A. N. Bhumkar 3. Dr. P. S. Wagh 4. Dr. S. S. Kahandal 5. Mr. J. B. Wable 6. Mr. H. S. Labhade 7. Dr. R. C. Patil 8. Mrs. S. S. Lad
<b>Key participants</b>	T. Y. B. Sc Students (Chemistry and Zoology)
<b>Remarkable outcomes/key take-away messages</b>	<ul style="list-style-type: none"> <li>• Hands-on experience with essential lab instruments like pH meters, spectrophotometers, and more.</li> <li>• Mastery in preparing standard solutions with precision and accuracy.</li> <li>• Confidence in handling, calibrating, and troubleshooting analytical equipment.</li> <li>• Strong foundation in GLP, SOPs, and lab safety practices.</li> <li>• Ability to interpret and analyze instrumental data effectively.</li> <li>• Industry-ready skills for roles in research labs, quality control, and chemical industries.</li> </ul>

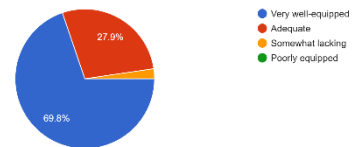
<b>Details of participants</b>	-
<b>Numbers of Students</b>	88
<b>Outsiders</b>	-
<b>In-house</b>	88
<b>Number of Teachers</b>	08
<b>Total</b>	88 + 08 = 96
<b>Additional information</b>	Certificates were awarded to both Participants and Resource Persons upon the successful completion and evaluation of the course.
<b>Geo-tagged Photos</b>	
	

## Feedback

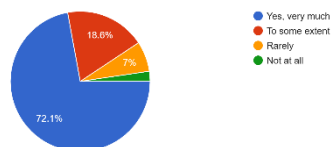
Gender  
86 responses



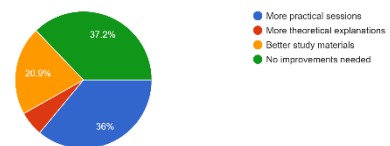
How well-equipped was the laboratory for practical sessions?  
86 responses



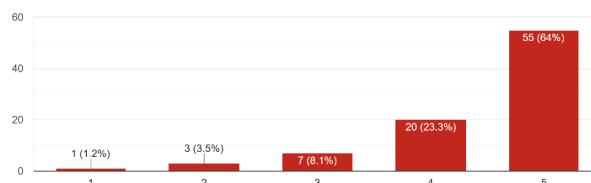
Did the resource person encourage interaction and queries?  
86 responses



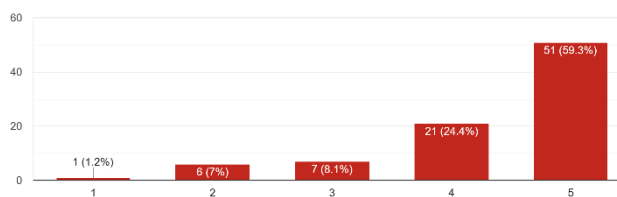
What aspect of the course needs improvement?  
86 responses



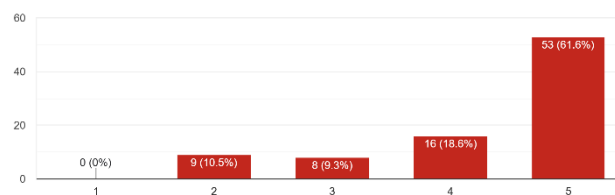
How would you rate the overall quality of the course?  
86 responses



How satisfied are you with the theoretical lectures?  
86 responses



How satisfied are you with the practical demonstrations?  
86 responses



**Mr. Hrishikesh S. Labhade**  
(Course Co-Ordinator)