

# Yashwantrao Chavan College of Science, Karad

## Department of Biotechnology

### Best Practices-2023-24

#### Best Practice

##### 1. Title of the Practice

Enhancing Interactive Teaching through Advance Tools

##### 2. Objective of the Practice

In addition to traditional blackboard teaching, incorporating advanced computer-based tools enhances interactive learning activities. The aim is to improve the understanding of *in-vivo* mechanisms through PowerPoint presentations and videos, aiding in the comprehension of complex processes such as immunological responses, and metabolic process, fermentative process and more.

##### 3. The Context

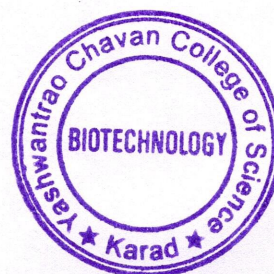
The practice is aimed at improving teaching and learning by visualizing *in vivo* concepts using advance computer-based tools. The use of PowerPoint presentations with projectors facilitates attractive and interactive teaching.

##### 4. The Practice

The Department of Biotechnology has introduced projectors in classrooms and practical labs. The projector is used to teach various biological events, especially *in vivo* processes, through PowerPoint presentations and video graphics. This activity simplifies the understanding of complex biological phenomena through the use of video visuals.

##### 5. Evidence of Success

The inclusion of PowerPoint presentations with audio visuals has made complex concepts more accessible to students, as evidenced by improved student performance in examinations and assessments. Additionally, students have utilized this facility to present their seminar and research findings. High student satisfaction with projector-based teaching is a key indicator of the success of this interactive teaching approach using advanced tools.





**Yashwantrao Chavan College of Science, Karad**  
**Lead College Activity 2022-23**

**ACTIVITY REPORT**

Name of the activity:	Lead College Activity – “Best Out Of Waste”
Date and time	22/09/2022
Name of the department:	Biotechnology
Purpose of the Activity	Recycling and reusing the valuable waste material can result in development of fantastic and usable product
Chief Guest	Dr. S. B. Kengar Principal Yashwantrao Chavan College of Science, Karad
Program Schedule	Enclosed the Program Schedule
No. of Students Participated	35
No. of Teachers Participated	03

Program Photo



Accuracy: 1900.0 m  
Time: 22-09-2022 14:38  
Note: Yashwantrao Chavan  
Department of Biotechnolo

Coordinator  
Lead College Activity

Principal,  
Yashwantrao Chavan College of Science, Karad

