


**EXPERIENTIAL LEARNING, PARTICIPATIVE LEARNING, AND  
PROBLEM SOLVING METHODOLOGIES USED FOR ENHANCING  
LEARNING EXPERIENCES**



**Panchayat College, Bargarh, Odisha**

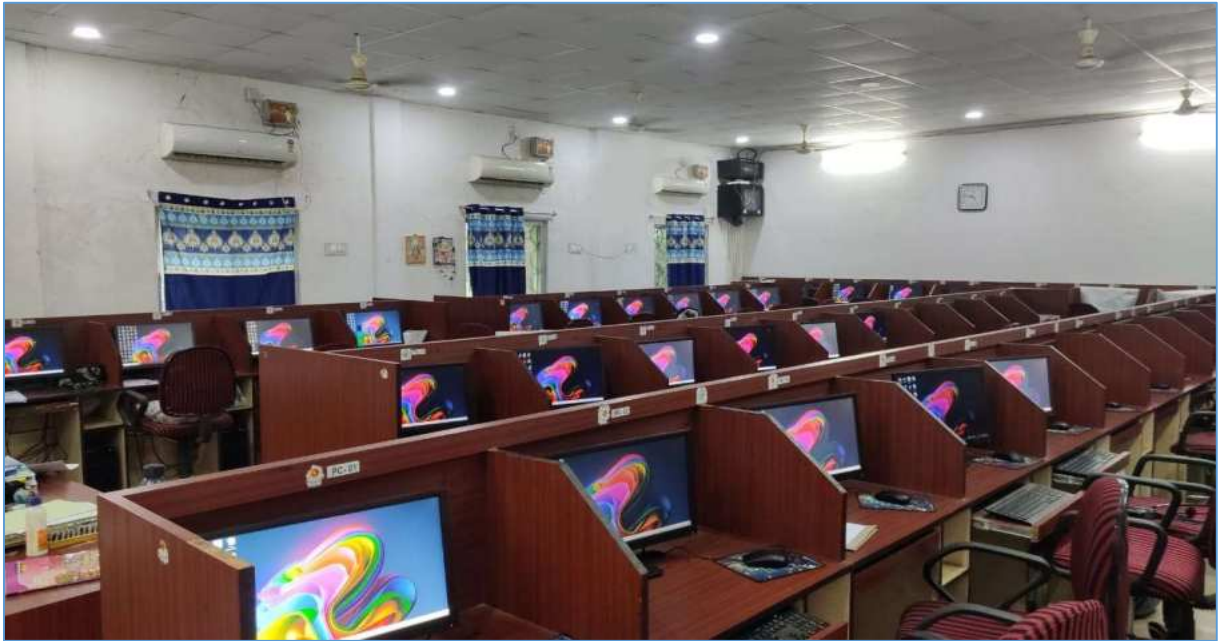
  
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Panchayat College, Bargarh  
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## ICT enabled Tools

Information and communication technology, or ICT, has grown in significance in education because of its capacity to raise educational standards, expand access to educational materials, and provide better communication between teachers and students. Teachers create a more engaging and interactive learning environment by integrating ICT into teaching practices. They use multimedia presentations, videos, and interactive simulations to present complex concepts visually appealingly, catering to different learning styles and abilities. This multimedia approach captures students' attention and rouses their interest, leading to improved information retention and thoughtfulness. Thus, Panchayat College, Bargarh provides ICT resources for the students and the faculty members for improved educational opportunities.



**Wi-Fi Connections in Computer Science, College main building, IQAC, and Physics Department.**



**(Computer Science Department)**

## Photographs with smart classroom facility

To deliver high-quality instruction, a smart classroom makes use of smart classroom supplies such as digital boards, projectors, PCs, LEDs, etc. The equipment presents captivating audio-visual content that tempers student's interest and fosters their curiosity. Additionally, it helps students develop their imaginative creativity. Visual learning that uses smart technology components—such as graphs, flow charts, movies, and images—is thought to be very successful at helping students quickly understand the material. Additionally, because smart classrooms minimize outside distractions, students are better able to focus and retain more knowledge. It gives the students more self-assurance and inspires them to think creatively.

### Language Lab





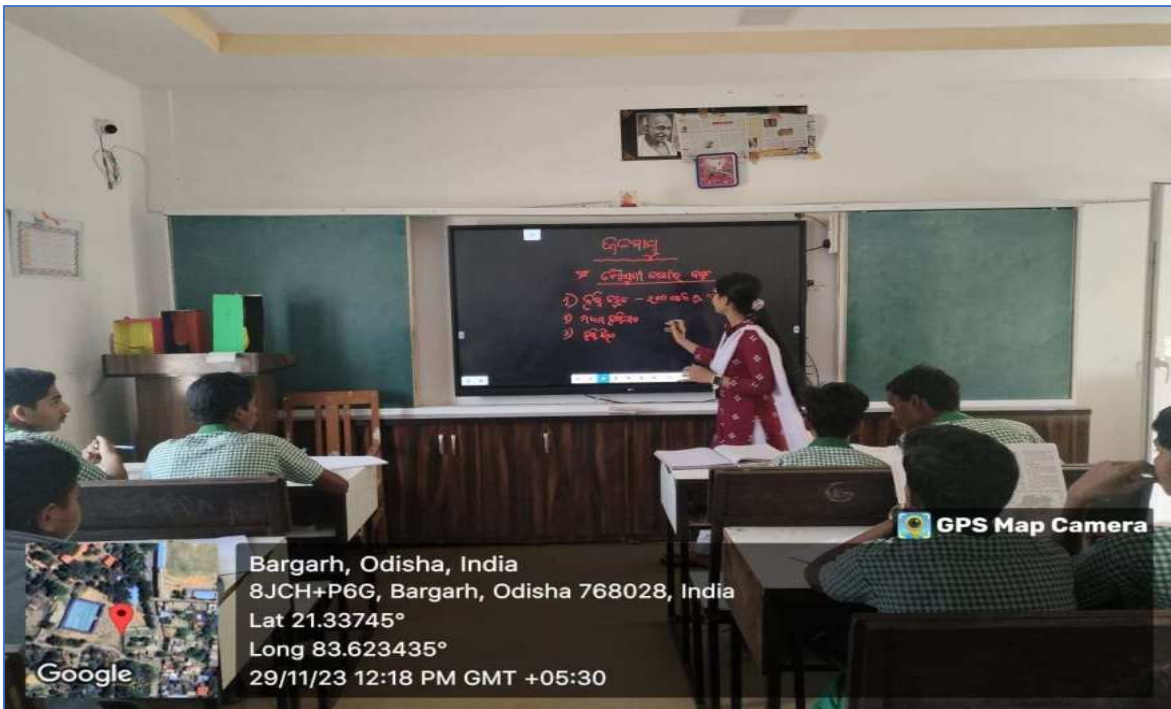
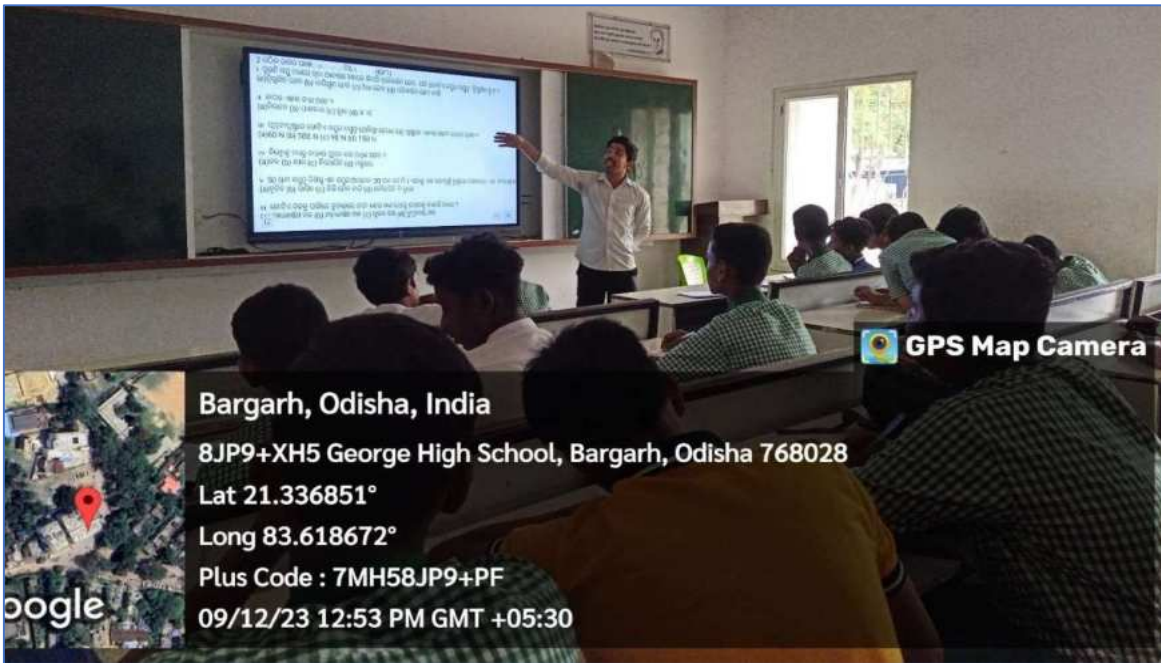


(Smart Classroom)



(Conference Hall)

## Smart Class Room Teaching Training





## Experiential learning

Industrial visits provide the students with an opportunity to learn practically through interaction, working methods, and employment practices. In fact, it constitutes a part of the core course curriculum taught at the college. It is here that by going beyond academics, industrial visit provides students with a much relevant practical perspective of the actual workplace and the larger world of business.

**OBJECTIVES:** To get exposure to sericulture farming and its economic importance.

**OUTCOMES:** Gained knowledge about the life cycle, rearing, and breeding strategies of silkworms for the production of high-quality silk.



**OBJECTIVES:** To study the brackish water biodiversity of Mahanadi in the Govindpur area.

**OUTCOME:** Gather scientific information and data regarding the physiochemical properties of water and study the various fish diversity and migratory birds in the local area.



**OBJECTIVE:** Visit the Department of Biotechnology and Bioinformatics for academic purposes.





## Participative learning

Group Discussion, Observing the learning object, Problem Solving

Participatory learning is "the body of the lesson, where learners are involved as actively in the learning process as possible. In Panchayat College, Bargarh Learners work on a specific task or problem individually and then discuss their approach with a partner. Learners are given a short quiz or survey to determine their comprehension of a specific concept. Training on a specific topic is provided to the students for better understanding. Students were also asked to prepare models on a specific topic or study entity.

**Objective:** Group Discussion by B. Ed Students.



**Objective:** Preparation of TLM in group



**Objective:** To acquaint the student regarding the laboratory equipment and their standard operating procedure for a safe and effective learning during practical classes.

**Outcomes:** Students operated the equipment as per the SOP under the supervision of the qualified staff.

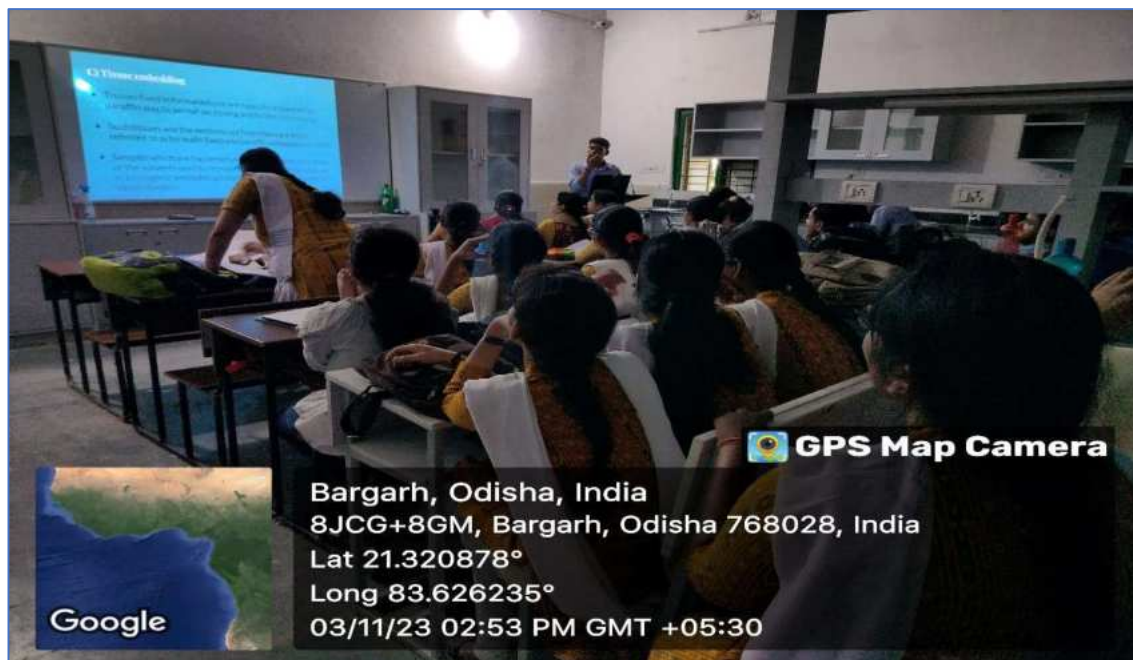




**Objective:** Familiarisation with electronics experiments through Hands-on experience



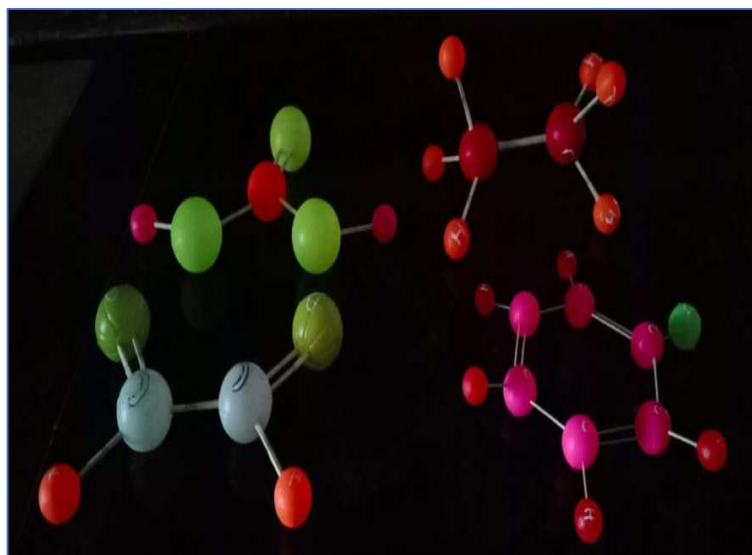
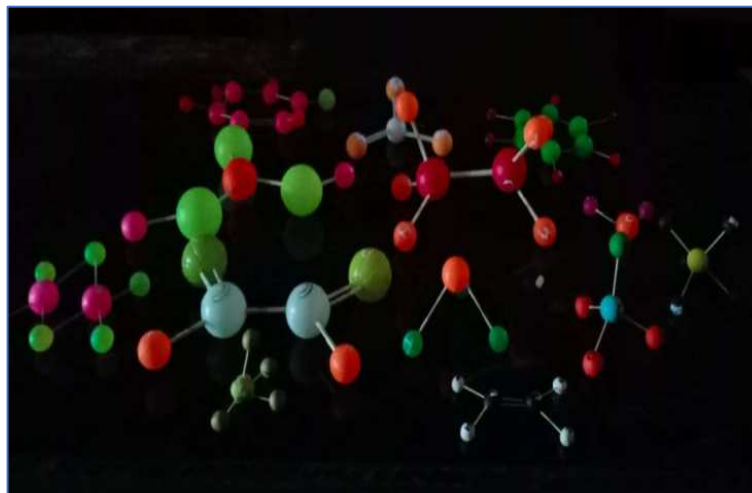
**OBJECTIVE:** To enhance the leadership quality and scientific explanation ability of the student in the public forum.

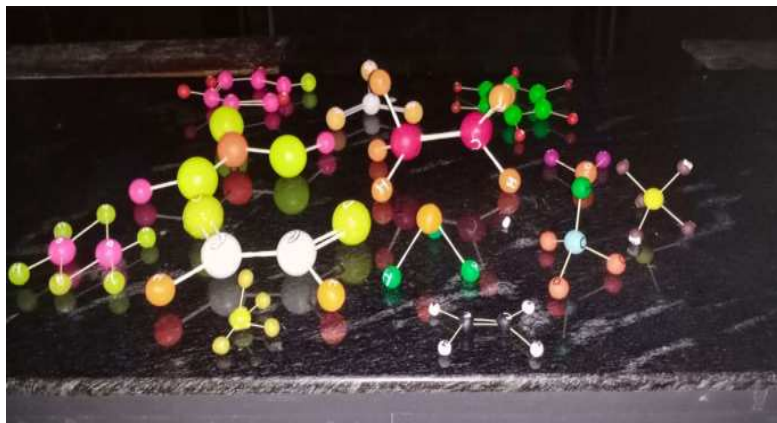




**Objective:** Ball and stick models of molecules are prepared by Chemistry students.

**Outcome:** Students learn/visualise the 3D structure of molecules.






**Objective:** Training on Palm Leaf Manuscripts Conservation.





  
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