



SANDIP
UNIVERSITY
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Sandip University, Nashik
School of Computer Sciences and Engineering (SOCSE)

Report of Faculty Development Program (FDP) on “How to conduct Effective Classes in Experimental Approach”

Category of Event	: Faculty Development Program (FDP)
Title	: Faculty Development Program (FDP) on “How to conduct Effective Classes in Experimental Approach”
Schedule	: 26/08/2023 Time: 1.00 PM to 3.00 PM
Venue	: HoD Board Room, ‘O’ Building, SOCSE
Duration	: 2 Hours
Organizing Department	: School of Computer Sciences & Engineering
Faculty Coordinators	: Dr. P.R. Patil, Dr. Prajakta Shirke, Dr. Pushpalta Aher
Total Number of Participants	: 25
Guest Profile	: Dr. Umesh Pawar, Professor, Department of CSE, SND college of Engineering, Yeola.

- **Objectives:** Sandip University, School of Computer Sciences and Engineering conducted Faculty Development Program on “**How to conduct Effective Classes in Experimental Approach**” regarding this topic following was the objectives such as clear learning objectives for each class session and the overall course, prepare your class materials, including lecture notes, experiments, handouts, and any necessary equipment. Make sure you have a clear understanding of the experiments and concepts you'll be teaching, Begin each class by asking students what they already know about the topic, Introduce or review the scientific method,

including its key components: observation, hypothesis formulation, experimentation, data collection, and analysis, and conclusion drawing, start by demonstrating the experiment or experimental procedure to the class, Ask open-ended questions that require students to think critically about the experiment, its purpose, and the results. Encourage them to formulate hypotheses and make predictions.

- **About the Activity:** In the given session of Faculty Development Program on “How to conduct Effective Classes in Experimental Approach” Faculties understood the concepts such as Set Clear Learning Objectives, Prepare in Advance, Engage Students' Prior Knowledge, Explain the Scientific Method, Provide Clear Instructions, Facilitate Hands-On Learning, Encourage Critical Thinking, Provide Feedback, Relate to Real-World Applications, Assessment and Evaluation, Adapt and Improve and Create a Positive Learning Environment.
- **Conclusion:** Sandip University, School of Computer Sciences and Engineering conducted Faculty Development Program on “How to conduct Effective Classes in Experimental Approach” on 26/08/2023 where faculties understood the concepts of experimental design, requires careful planning, organization, and engagement with students for effective learning.
- **Photographs:**