At Shetty Institute of Technology, we believe in hands-on learning through Project-Based Learning (PBL). In PBL, students tackle real-world projects, applying what they learn in class to solve practical problems. This approach fosters creativity, critical thinking, and teamwork skills as students work collaboratively to find solutions. PBL empowers students to take ownership of their learning journey, preparing them for success in their future careers.

We use different ways of teaching to make learning fun and effective for students. We have seminars where everyone can share ideas, flip-flop classes where students learn at their own pace with help from teachers, group decision sessions where teamwork is key, and video classes for easy access to learning materials. By using these methods, we aim to help every student learn in a way that works best for them and prepares them well for their future careers.

Experiential Learning:

Project Work:

Students of first year CSE department worked on project "Smart Home Automation". This technology is used to control and automate various household tasks and functions, making homes more efficient, convenient, and secure.

Students of first year CSE department worked on project "Smart Agriculture". This project involves the integration of technology to enhance efficiency, sustainability, and productivity in farming practices.

Self-Directed Learning (Library Visit):

Student's library visits to enhance their academic pursuits, working on a research project, studying for exams, or simply looking to broaden their knowledge.
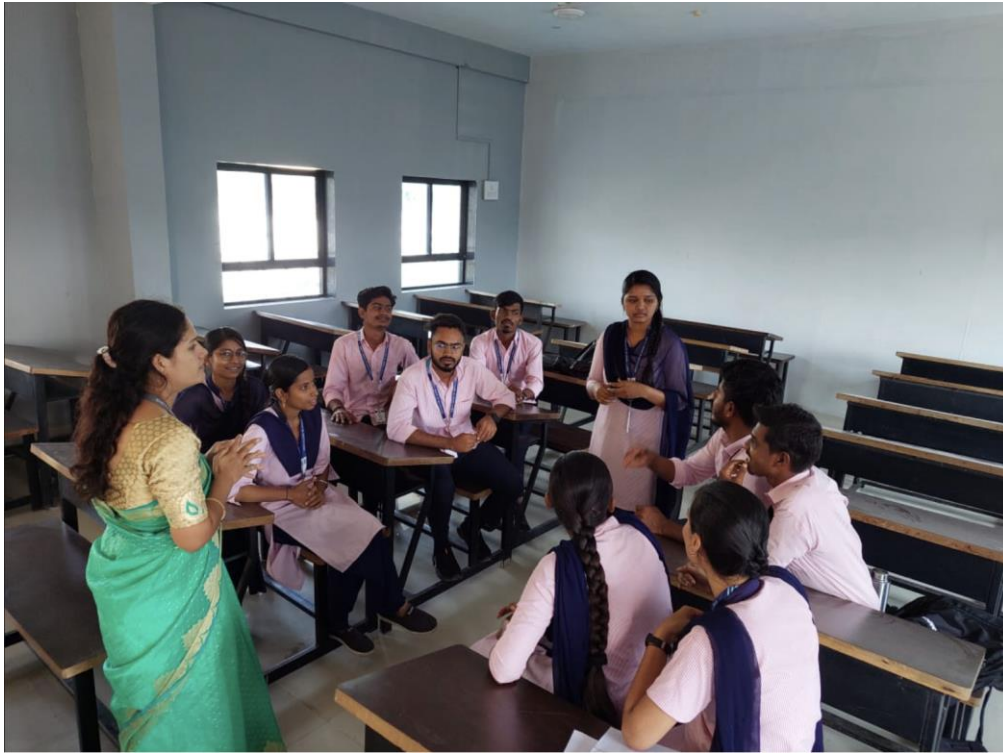
Participatory Learning

Brainstorming:

Group of students gathered to brainstorm ideas, discussing challenging concepts, solve problems and share different study techniques

Group Activity:

Group of students are engaged to promote team work, communication and critical thinking. Here students are discussing on the process of generating images or animations through Rendering.

Seminars:

Student conducted seminar on various academic concepts. Here student's giving seminars on topics '2D Maze Game' and 'Weather Report Application'.

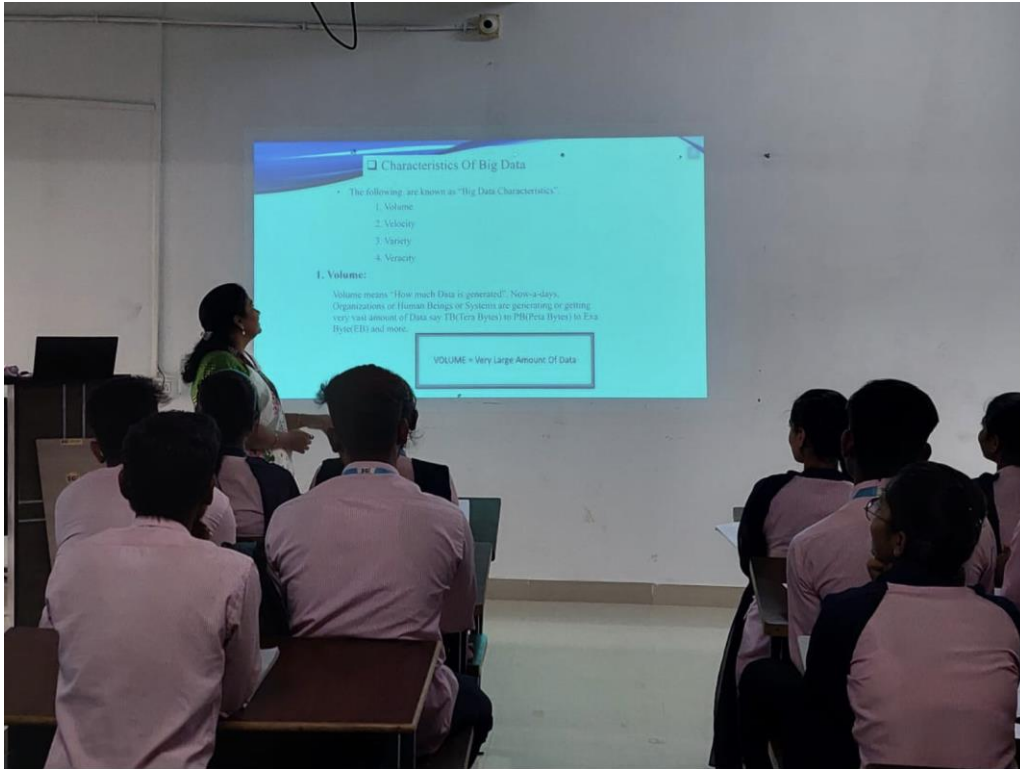# Problem solving Methodology

Case Studies:

Case study on 'Hotel Management' to study of an Integrated Hotel Management System to streamline operations and elevate the overall guest experience.

Flipped classroom:

Teachers using projector to deliver the lecture with PPT

Showing NPTEL online course videos to students to create awareness among students about the NTPEL courses.