



Flipped Classroom

Subject name: Data Science and Visualization

Subject code:21CS644

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Faculty name: Prof. Puneeth S P

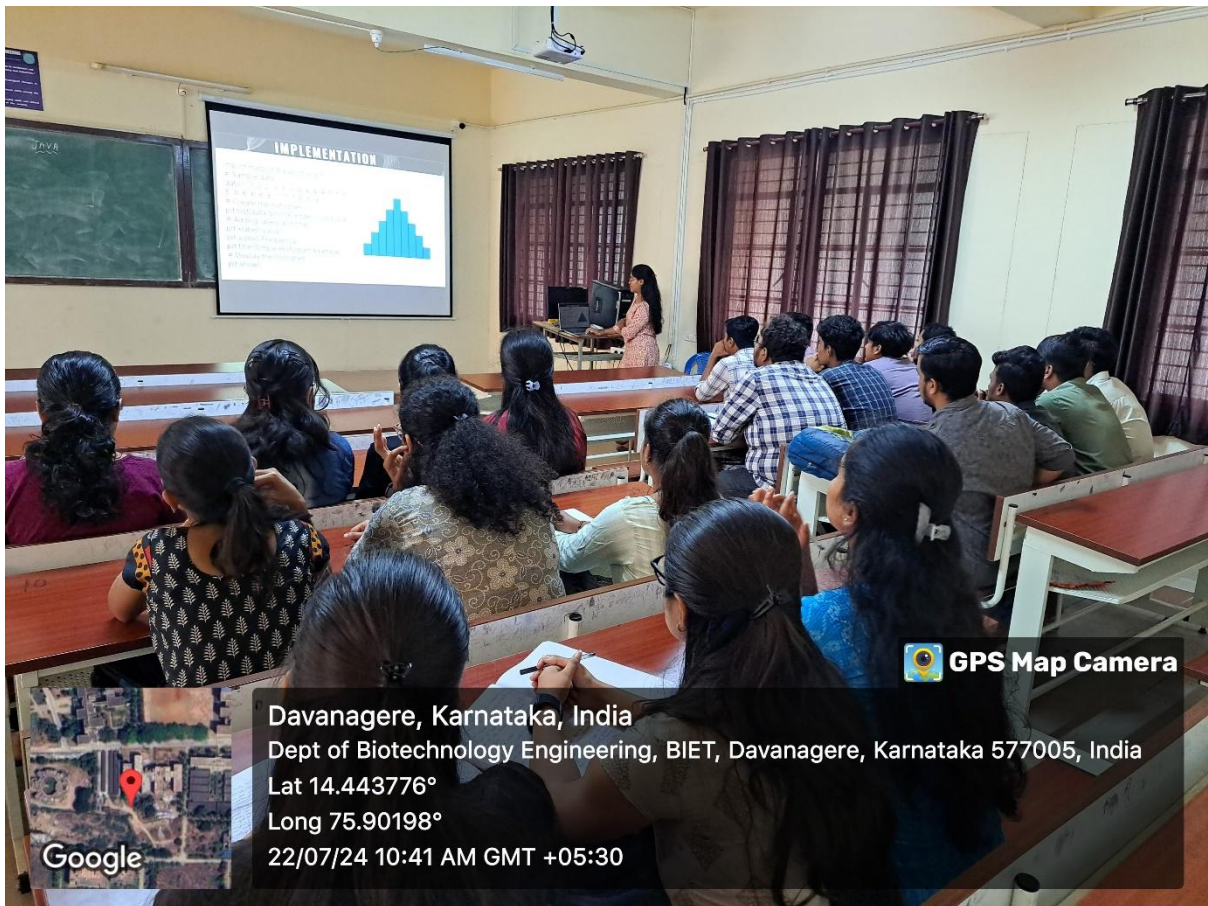
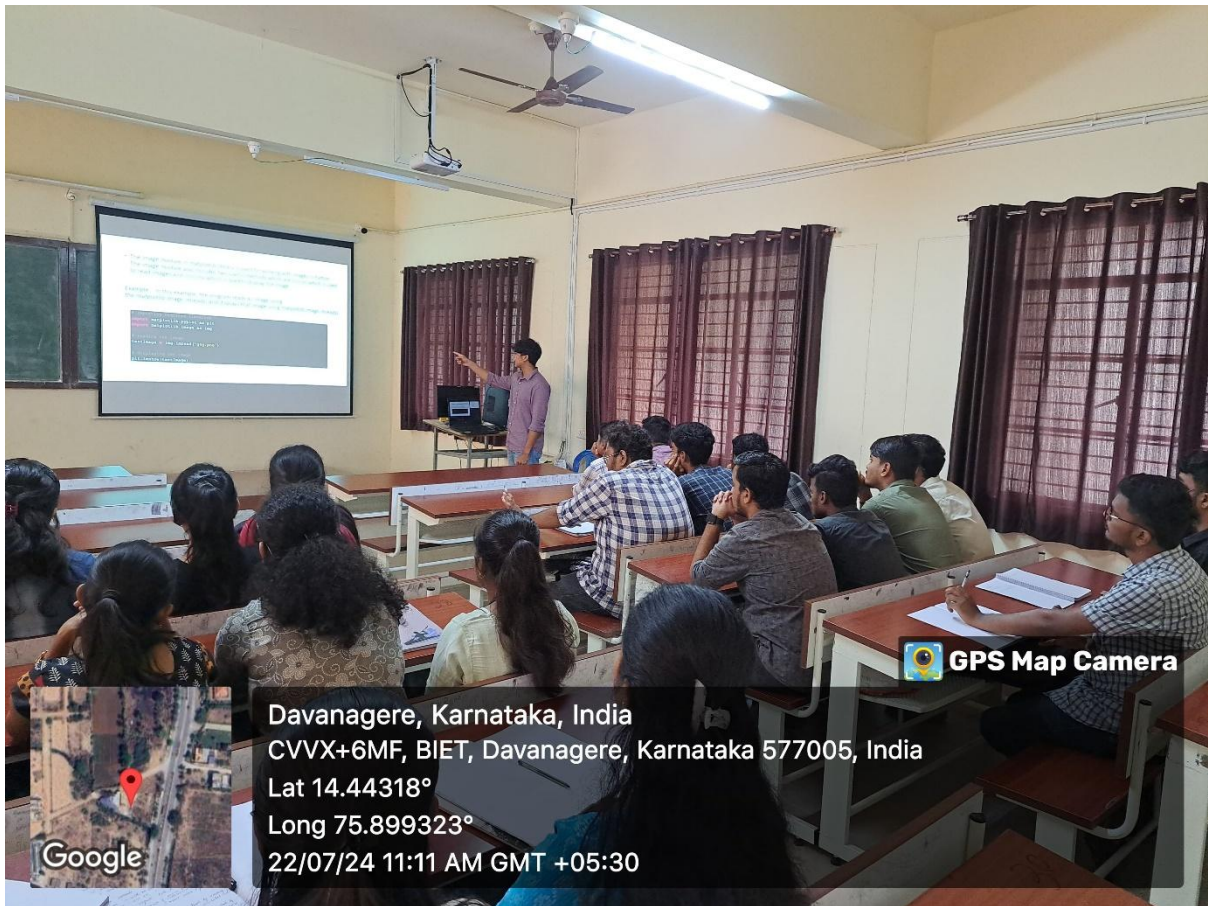
Overview of the Flipped Classroom Model

In a flipped classroom, students are introduced to new content at home through videos, readings, or interactive online modules. When they come to class, they engage in activities such as discussions, problem-solving, collaborative work, or hands-on projects, guided by the teacher. This approach shifts the focus from teacher-centered lectures to student-centered learning.

Benefits of the Flipped Classroom

- **Enhanced Engagement and Active Learning:** By allowing students to engage with content before class, they can participate more actively in class discussions and activities, resulting in deeper understanding.
- **Paced Learning:** Students can review pre-class materials at their own pace, pausing, rewinding, or replaying videos as needed. This can be especially beneficial for diverse learners who may require different levels of support.
- **Develops Higher-Order Thinking Skills:** Flipped classrooms allow students to apply, analyze, and synthesize information, promoting critical thinking and problem-solving.







Event Coordinator

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