We Make You Shine

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119

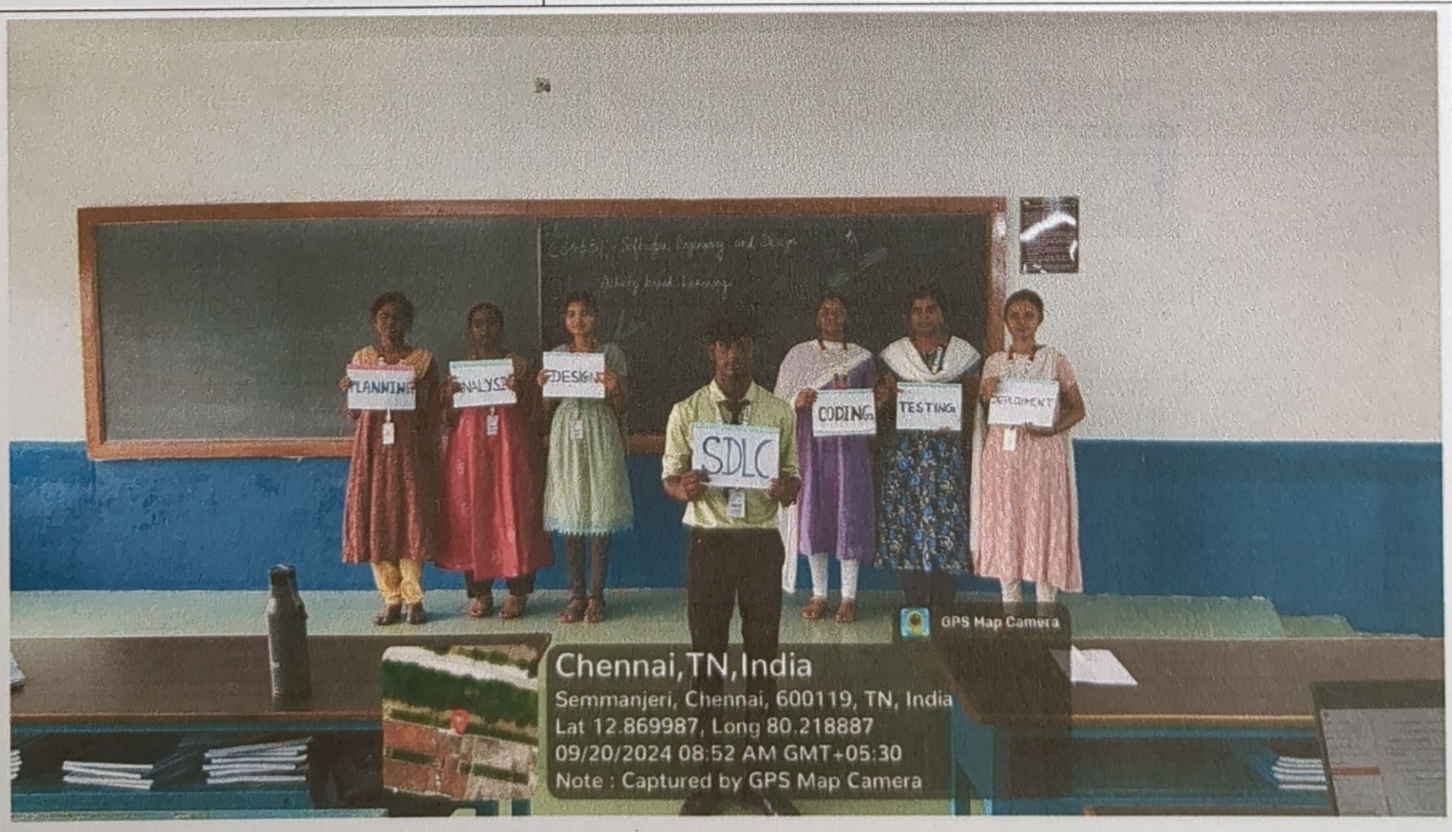
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2024-2025

ODD SEMESTER

INNOVATIVE TEACHING

NAME OF PEDAGOGY USED	Visualization-based Learning
BRANCH/YEAR/SEM/SEC	CSE/III/V/A&B
SUBJECT CODE & NAME	CS4551/Software Engineering and Design
TOPIC	Software Models
DATE/PERIOD/TIMING	20.09.2024/ 1st, 2nd, 4th, 7th Period
DESCRIPTION	**Software development models** are various processes or methods that are chosen for project development depending on the objectives and goals of the project. Many development life cycle models have been developed to achieve various essential objectives. Models specify the various steps of the process and the order in which they are executed. Software modeling helps in visualizing and understanding the complex aspects of the software, making it easier to plan, develop, and manage the system.



Students Feedback	***312422104043:*** The visualization made the lesson interesting, and I stayed focused throughout the entire explanation. The visual elements helped me stay engaged and not get bored during complex topics. ***312422104114:*** I enjoyed watching the visualization because it felt like a more interactive and less stressful way to learn. It was a fun way to learn the topic, and it helped me understand much faster.
Total No. of Students	63
No. of Students Present	60
No. of Students Absent	03
Action Plan for Absentees	Planned to share the photos to the class group for future reference.

Visualization-based learning is a teaching strategy that uses visual aids to help students understand and retain information. It can be an effective way to teach complex subjects, and can help students:

- Understand and retain information: Visuals can help students understand and retain information.
- Activate memory: Visuals can help activate memory.
- Engage with the material: Visuals can help students stay engaged and happy.
- Improve critical thinking: Visuals can help students develop critical thinking skills.

M. Ruga
Faculty Incharge

HOD/CSE

Dr.J. DAFNI ROSE M.E., Ph.D.
Professor & Head
Department of CSE
St. Joseph's Institute of Technology
hodcse@stjosephstechnology.ac.in