PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL

(An Autonomous Institution affiliated to Anna University, Chennai)

Department of Computer Science and Engineering

FLIPPED LEARNING

Demonstration

Sl. No	Course Code	Course Title	Faculty Name	Topic	Academic Year
1.	CS2C14	Foundations of Data Science	Ms.N.Indhumathi	Numpy, Pandas, Matplotlib	2024-2025
2.	CCS344	Cyber Security and Practices domain- Ethical Hacking- Lab integrated	Dr.M.Buvana	Hack the Mobile through SMS	2023-2024
3.	CCS365	Software-defined networks	Dr.N.Kalpana	The SDN plane Architecture	2023-2024
4.	CS3391	Object Oriented Programming	Mrs.P.Anitha Christy Angelin	Java Classes and Objects	2022-2023
5.	CCS343	Cyber Security and Practices domain - Digital and Mobile Forensics- Lab integrated	Dr.N.Kalpana	Forensics Investigation	2022-2023

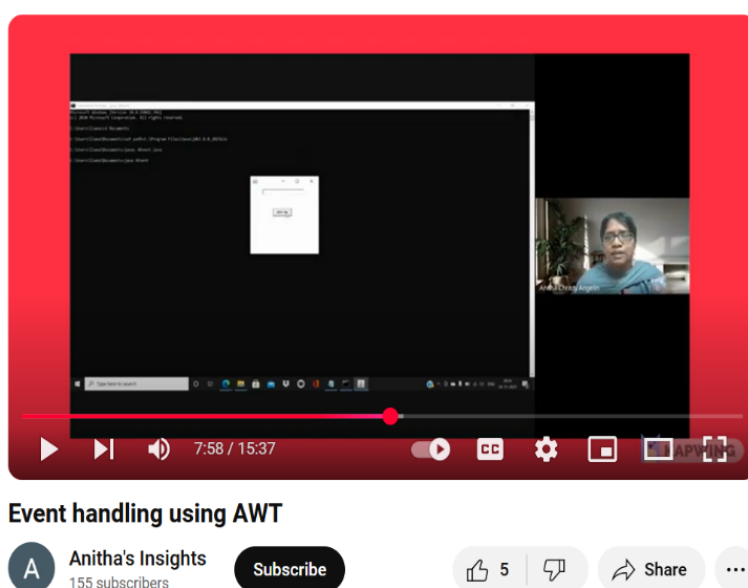*Table .1 List of demonstration done in three assessment year for several courses.*

Figure 1. Sample Demonstration for the course CS3391-Object Oriented Programming

Animated videos

Sl. No	Course Code	Course Title	Faculty Name	Topic	Academic Year
1.	CS2512	Compiler Design	Dr.D.Suresh	Phases of Compiler	2024-2025
2.	CCS342	Devops	Mrs.T.Deepa	CI CD pipeline	2023-2024
3.	CS3554	Distributed Computing	Mrs.T.Deepa	Log-based Recovery	2023-2024
4.	CS8501	Theory of Computation	Dr.N.Dhanalakshmi	Push down Automata	2022-2023
5.	CS8603	Distributed Systems	Mrs.G.Mariammal	Checkpointing & Rollback Recovery	2022-2023
6.	CS8691	Artificial Intelligence	Dr.N.Kalpana	Problem-Solving Agents - Puzzle solving	2022-2023
7.	CS2221	Programming in C	Mrs.T.Deepa	Pointers in C	2022-2023
8.	CS3391	Object Oriented Programming	Mrs.P.Anitha Christy Angelin	Event Handling using AWT	2022-2023

Table .2 List of Animated videos done in three assessment years for several courses

Google Classroom

Sl. No	Course Code	Course Title	Faculty Name	GCR Link
1.	GE2125	Problem Solving and Python Programming	Mr.V.Nanda Kumar	https://classroom.google.com/c/NTc3Njc5MzA0NzMz?cjc=d4rxuma
2.	CS2221	Programming in C	Mr.M.Kamarajan	https://classroom.google.com/c/NTE4ODU4OTg2MjA1?cjc=pd6gkur
3.	CS8592	Object Oriented Analysis and Design	Dr.M.Buvana	https://classroom.google.com/c/NTI2NzQ0NjgwMDY2?cjc=q2kblfy
4.	CS8079	Human-Computer Interaction (PE III)	Dr.N.Kalpana	https://classroom.google.com/c/NDgyMTcyMTI2MDQx/m/NTU1MTE4ODIwNzYw/details
5.	CS3491	Artificial Intelligence and Machine Learning –Lab Integrated	Ms.N.Indhumathi	https://classroom.google.com/c/NTEyMjk3MjkyNTc1?cjc=ayb7snv
6.	CS3451	Introduction to Operating Systems	Dr.D.Suresh	https://classroom.google.com/c/NTEyMjYwMTU5NDAy?cjc=ebrml2p
7.	CS8691	Artificial Intelligence	Dr.N.Kalpana	https://classroom.google.com/c/NTA5MzM5OTEyMDMw/m/NTA5MzM5OTI2NDQ3/details
8.	CS8602	Compiler Design – Lab integrated	Dr.M.Buvana	https://classroom.google.com/c/NTgxMzU4NDIwMzQ0?cjc=ekyrhr7
9.	GE8077	Professional Ethics in Engineering	Dr.M.Buvana	https://classroom.google.com/c/NTgxMzU3MjIyNzk3?cjc=hbq5yth

Table .3 GCR links for Several courses