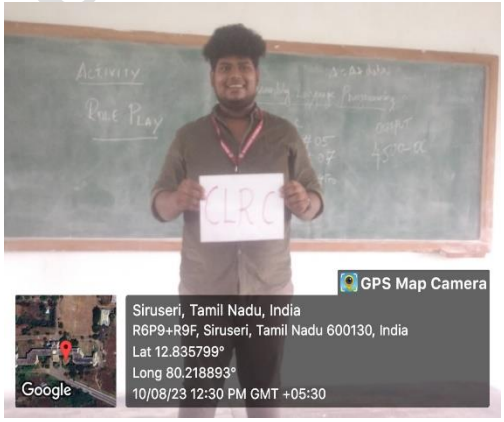
Department of Electronics and Communication Engineering
Innovative Teaching Methods

Activity Title	Role Play
Faculty Name/Department	M.Ashokkumar/ECE
Mapped Course Name & Code	CS3691- EMBEDDED SYSTEMS AND IOT
Date	10.08.2023
Benefitted Students (Year / Sem / Dept)	III/V/IT
Topic	Assembly Language Programming
Description	**Idea:** Students are given a scenario and other options to solve a particular issue, Then the students are exposed to decision making in a given environment. **Implementation:** Some students are selected randomly. Each student is assigned a register, mnemonics and data. Once program executed students come one by one as per the program execution order.
Course Outcomes (CO)	CO1: Explain the architecture of embedded processors.
Performance Indicator (PI)	1.4.1
Mail ID (for review)	ece.ashokkumar@msajce-edu.in
Activity Photos	

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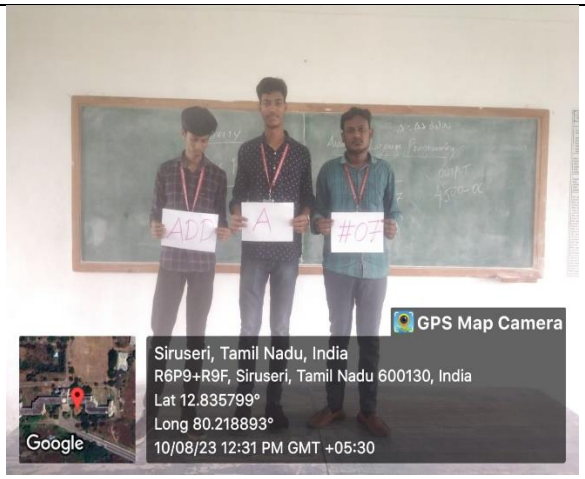
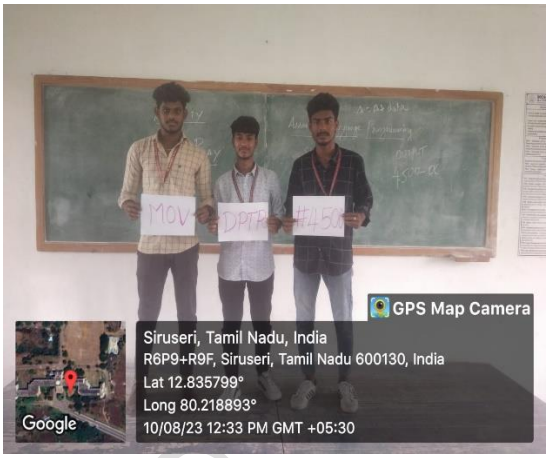
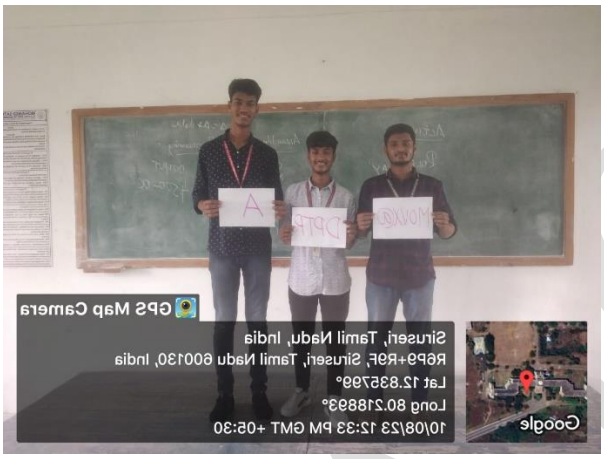
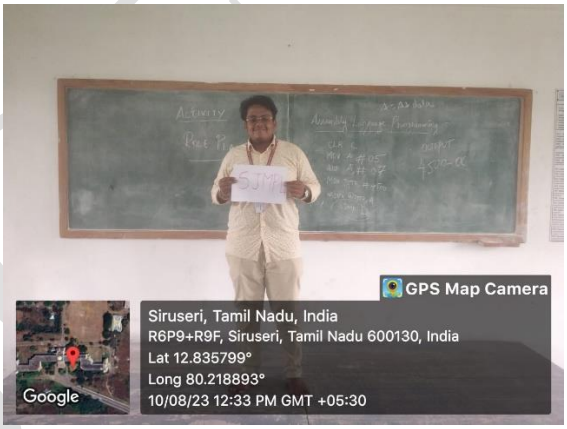
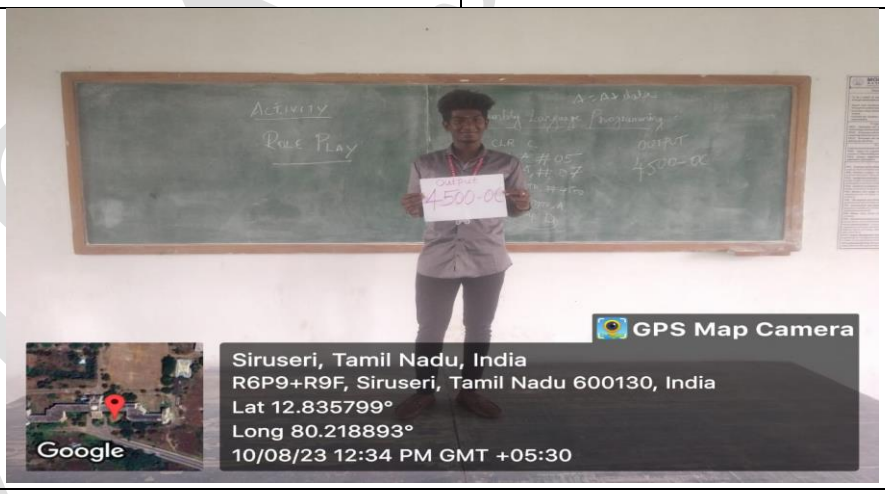
Activity Photos	    

Topics/ Questions:

1. Addition Program Using 8051
2. Division Program Using 8051
3. Exchange a data between memory location Using 8051
4. BCD to ASCII Conversion Using 8051

Marks:

Group Name	Reg. No.	Topic	Marks		
			Presentation (10)	Subject Knowledge (10)	Total (20)
A	Roll no: 1-15	Addition Program Using 8051	10	9	19
B	Roll no: 16-30	Division Program Using 8086	10	8	18
C	Roll no: 31-45	Exchange a data between memory location Using 8051	9	10	19
D	Roll no: 46-64	BCD to ASCII Conversion Using 8051	8	10	18

Outcome: This helps in understanding of Assembly Language Program quickly.

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