

DEPARTMENT OF ARTIFICIAL INTELLIGENCE
COMPUTER SYSTEMS LAB

BTech (AIML) III Year I Semester					Dept. of Artificial Intelligence			
Code	Category	Hours / Week			Credits	Marks		
	PCC-Lab	L	T	P	C	CIE	SEE	Total
		0	0	3	1.5	50	50	100

List of Programs

- Program for
 - Simulating CPU scheduling algorithms (Round Robin, Priority, FCFS, SJF)
 - using system calls: fork, exit
- Program for implementing the following problem using shared memory and semaphores
 - Producer-Consumer problem
 - Readers-writers problem
 - Dining philosopher problem
- Program using multithreading (pthreads)
- Create a client-server application using any programming language
- Study of different types of Network cables and practically implement the cross-wired cable and straight through cable using clamping tool
- Configuring network chord, switch and router
- Usage of packet tracer software