NIIST BHOPAL		NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY DEPARTMENT NAME:MASTER OF COMPUTER APPLICATION	FORM NO	NIIST/A/10
BRANCH	MCA	**LIST OF EXPERIMENTS**	REV. NO	0
SEM	Ist		REV. DT	30/06/2011

SUBJECT /CODE : OPERATING SYSTEM. LAB/MCA-107	
1	CPU SCHEDULING ALGORITHMS A) FCFS B) SJF C) ROUND ROBIN D) PRIORITY
2	PRODUCER-CONSUMER PROBLEM USING SEMAPHORES
3	DINING-PHILOSOPHERS PROBLEM
4	MEMORYMANAGEMENT TECHNIQUES A) MULTI PROGRAMMING WITH FIXED NUMBER OF TASKS(MFT) B) MULTI PROGRAMMING WITH VARIABLE NUMBER OF TASKS(MVT)
5	CONTIGUOUS MEMORY ALLOCATION A) WORST FIT B) BEST FIT C) FIRST FIT
6	PAGE REPLACEMENT ALGORITHMS A) FIFO B) LRU C) OPTIMAL
7	FILE ORGANIZATION TECHNIQUES A) SINGLE LEVEL DIRECTORY B) TWO LEVEL DIRECTORY
8	FILE ALLOCATION STRATEGIES A) SEQUENTIAL B) INDEXED C) LINKED
9	DEAD LOCK AVOIDANCE
10	DEAD LOCK PREVENTION