



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

(An Institution of National Importance under NITs Act, Established by Govt. of India)

मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

JLN Marg, Jaipur-302017 (India)

Code: CSP315	Concurrent and Parallel Programming Lab	Credit: 02
		L-T-P:(0-0-3)
Course Content	Programming exercises to implement synchronization primitives – semaphores and monitors. Parallel algorithm implementation (CUDA and OpenMP) Implementing solutions for Producer-Consumer problem – infinite buffer, bounded buffer; Reader – Writer problem; Sleeping Barber problem; Dining Philosopher problem lex(flex), yacc(bison) for lexical and parsing 1. Design of a mini-compiler	
Important Text Books/References	Text/Reference books for course on “Concurrent Programming”	