



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: CSP214	Algorithms Lab	Credit: 02
		L-T-P:(0-0-3)
Course Content	<p>The following proposed are broad guiding areas lab. The instructor offering the course can adopt further variations.</p> <p>Implementation of graph algorithms – DFS, Shortest Path, MST, articulation point, topological sorting, Network Flow, matching, covering; pattern matching algorithms; kth shortest number in a given sequence; Dynamic programming; Approximation algorithms for NP problems; Randomized algorithms implementation.</p>	
Important Text Books/References	Text/Reference books of “Design and Analysis of Algorithms”..	