

Academic Year: 2016-17 (EVEN)

Scheme : 2015

Course: Design and Analysis of Algorithms Lab(15CSL47)

Sem : 4

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO 1	Design algorithms using divide and conquer, greedy and dynamic programming.	PO3 PO5 PSO1	C	NA	NA	11
CO 2	Execute sorting algorithms such as sorting, graph related and combinatorial algorithm in a high level language.	PO1 PO5 PSO1	AP	NA	NA	9
CO 3	Analyze the performance of merge sort and quick sort algorithms using divide and conquer technique.	PO2 PO5 PSO1	A	NA	NA	9
CO 4	Apply the dynamic programming technique to solve real world problems such as knapsack and TSP.	PO1 PO5 PSO1	AP	NA	NA	11
Total Hours of instruction						40