



NIIST BHOPAL

NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY
DEPARTMENT NAME: INFORMATION TECHNOLOGY

FORM NO

NIIST/A /09

BRANCH IT

REV. NO

0

SESSION

REV. DT

30/06/20 11

LAB PLAN

NAME OF THE FACULTY:

SUBJECT/CODE : ADA/ IT 403

DAY	MON	TUE	WED	THU	FRI	SAT	TOTAL LAB	
PERIOD NO								
L.N	EXPERIMENTS				PLANNED DATE	ACTUAL DATE	NO. OF STUDENTS PRESENT	REMARKS
1	Implement iterative binary search.							
2	Implement recursive binary search.							
3	Implement divide and conquer to find the maximum and minimum.							
4	Implement Quick sort							
5	Implement Merge sort							
6	Implement Strassen's Matrix Multiplication.							
7	Implement Floyd-Warshal algorithm.							
8	Implement Kruskal's algorithm for minimum spanning trees							
9	Implement Prim's algorithm for minimum spanning trees							
10	Implement single sources shortest path algorithm.							

PREPARED BY

REVIEWED & APPROVED BY

FACULTY NAME

HOD NAME