



MANGALORE UNIVERSITY

DEPARTMENT OF M.Sc. COMPUTER SCIENCE

MASTER OF COMPUTER APPLICATIONS (MCA) PROGRAMME

MCAP 206: ADVANCED DATA STRUCTURES LAB

Course Outcomes:

CO1: Develop solutions for a range of problems using object oriented programming.

CO2: Apply divide and conquer strategy to searching and sorting problems using iterative and / or recursive solutions.

CO3: Use critical thinking skills and creativity to solve the problems.

CO4: Design scenarios to explain behaviors and demonstrate correctness of programs.

CO5: Determine which algorithm or data structure to use in different scenarios.

CO6: Choose the appropriate data structure and algorithm design method for a specified application.

CO7: Analyze performance of algorithms.

