

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.