

## ACADEMY OF TECHNOLOGY

## Lab Assignment (Assignment 12)

Paper name: Data Structure and Algorithm Code: PCC-CS391 Semester:  $3^{rd}$  Discipline: CSE Time: 2 Hours

Date: November 3, 2022

- 1. Write a program in C or C++ to sort a given array using Merge sort algorithm.
- 2. Write a program in C or C++ to sort a given array using Quick sort algorithm.
- 3. Write a program in C or C++ to sort a given array using Heap sort algorithm.