

## **OPENMP ASSIGNMENT 5**

**22/03/2023**

Write an OpenMP program for shared memory and a distributed (MPI) program for distributed memory architecture to implement:

**For roll no 1 to 25:** Prims Algorithm

**For roll no 26 to 50:** Floyd's Algorithm

**For roll no 51 to 75:** Breadth First Search Algorithm

**For roll no 76 to 100:** Depth First Search Algorithm

**For roll no 100 onwards and BT18CSE012:** Johnson's Algorithm