## NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA NH 66, Srinivas Nagar, Surathkal, Mangaluru, Karnataka 575025, India



## **DSA-II Assignment-3 on BFS Application**

- 1. Determine the diameter of the given graphs with suitable algorithms (the .c/.cpp file and output screenshots)
- 2. Try to optimize the time complexity as applicable. Explain the same in a separate PDF file

Please assume the starting vertex, order of selecting vertices, and other specifications by yourself

In case of any doubts, you may please make **suitable** assumptions, state and justify them in the program

 1
 2
 3
 4

 5
 6
 7
 8

 1
 2
 3
 4

 5
 6
 7
 8

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