**IT250: OPERATING SYSTEMS**

LAB ASSIGNMENT DOCUMENTATION

**Submitted by:**

Nishant Kumar

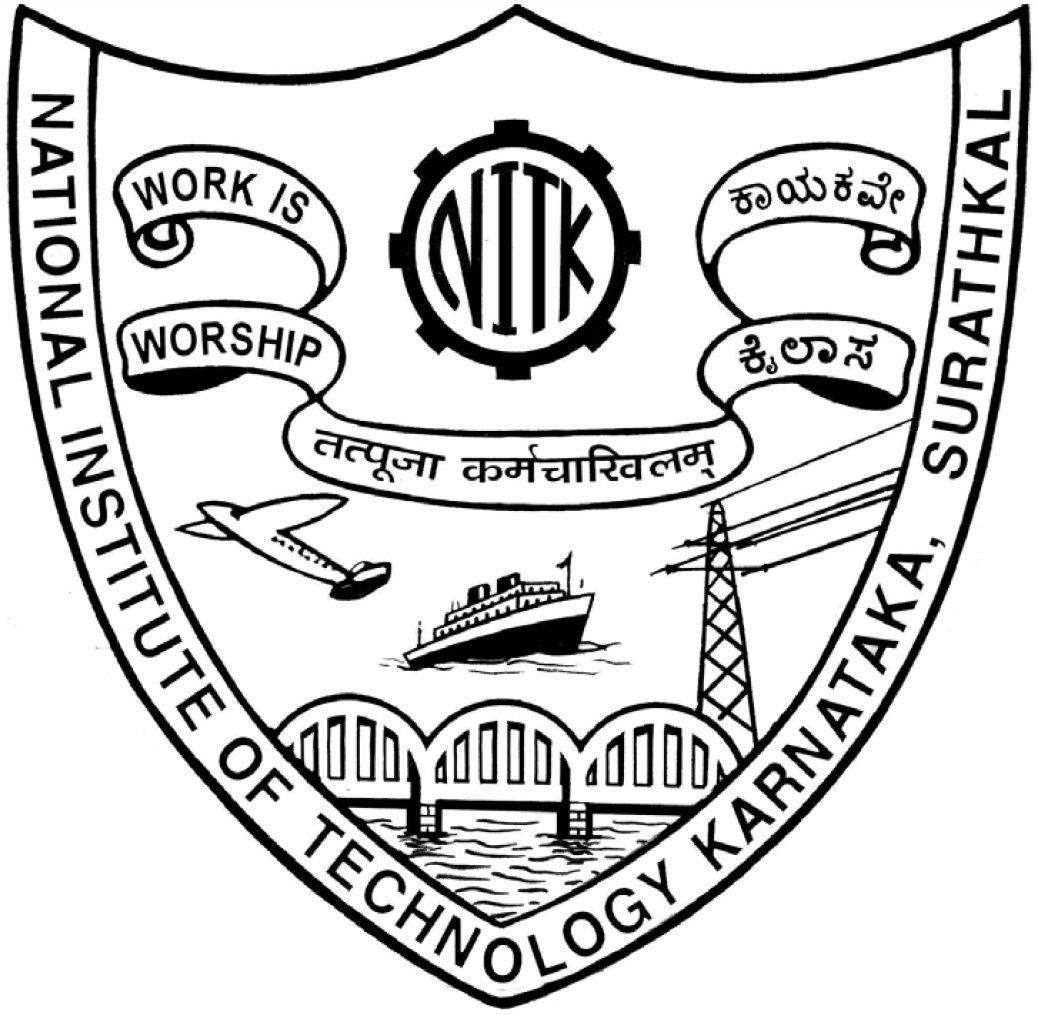
16IT123

**Faculty in charge:**

Dr. Biju R. Mohan

**Date of Submission:**

21/02/2018



National Institute of Technology Karnataka

Department of Information Technology

Surathkal, Karnataka 575-025

**Table of Contents**

1. Fixed Size Memory Allocation                                                                           1
2. Variable Size Memory Allocation                                                                      5
3. Paging-Linked list                                                                                               11
4. Paging-Page Table                                                                                             13
5. Defragmentation                                                                     17
6. Buddy memory allocation system.                       21