



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

L.B. REDDY NAGAR, MYLAVARAM – 521230. A.P. INDIA  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Examination : B.Tech, V Semester  
Course name : Real Time Operating System  
Faculty : Dr. Anupriya Koneru

Branch : IT  
Course code : 17IT90  
A.Y : 2021-22

**UNIT-V**

1. Illustrate File Allocation Table with an example.
2. Explain the following: read (), write () and lseek().
3. Summarize Data Management in Real Time Systems.
4. Identify the features of Non-relational databases.
5. Discuss file abstraction in Real Time Operating System.
6. Illustrate Hash tables in data management.
7. Classify linear data structures.
8. Describe Java Script Object Notation (JSON) file formats for storing organized data in Real Time Operating Systems.
9. Differentiate AVL trees and Red black trees.
10. Describe Extensible mark-up language (XML) file formats for storing organized data in Real Time Operating Systems.
11. Describe Unix Index nodes or inodes from file system.

Course Instructor  
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