DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LOKNAYAK JAI PRAKASH INSTITUTE OF TECHNOLOGY
CHAPRA, BIHAR

Subject: Operating System **Assignment- 6** **Subject Code:** 061403

1. Compare and Contrast between Linked and Indexed disk allocation strategies.

2. What is meant by Directory? Briefly discuss the various structure of a directory.

3. What is RAID? Explain in brief.

4. What is I-node? Explain in details.

5. Differentiate between a File and a Directory. Justify for the need of File system.

6. Explain the main features of general graph directory structure.

7. Consider a system that supports the strategies of Contiguous, linked and indexed allocation. What criteria should be used in deciding which strategy is best utilized for a particular file?