



तेजस्वि नावधीतमस्तु
ISO 9001:2008 & 14001:2004
NAAC ACCREDITED

FAIRFIELD Institute of Management & Technology

(Affiliated to GGSIP University, New Delhi)



'A' Grade Institute by DHE, Govt. of NCT Delhi, Affiliated to GGSIP University Delhi
and Approved by Bar Council of India & NCTE

BCA: 6th Semester

Linux Environment

Code: 306

OBJECTIVE:

The objective of this paper is to introduction of Linux operating system and its security. This course provides students with a working knowledge of the Linux Operating System.

QUESTIONS:

- 1) Explain the architecture of Linux?
- 2) Explain the permission types with example.
- 3) Differentiate between symbolic link and hard link.
- 4) Give an overview on the following commands with example
 - a) grep
 - b. File creation, updating
 - c. tar
 - d. ls
- 5) Write short notes on the following
 - a. Linux and Unix
 - b. Process state
 - c. Linux Kernel

PROCEDURE:

- Assignment should be Hand written.
- Give proper heading and sub heading.
- Use examples.

Students should make assignment in the following manner:

- Cover page
- Objectives
- Index
- Content
- Conclusion
- References
- Softcopy & Hardcopy

OUTCOME:

After doing this assignment, students will come to understand the role of Linux operating system in organization. This assignment will help to recognize the security of Linux operating system.

REFERENCE BOOKS:

1. Sivaselvan, Gopalan, "A Beginner's Guide to UNIX", PHI Learning
2. The Unix Programming Environment by Brian W. Kernighan and Rob Pike, PHI
3. Sumitabha Das, "Unix Concepts and Application", TMH
4. Robert Love, "Linux Kernel Development", Pearson Education
5. Sumitabha Das, "Your Unix The Ultimate Guide", TMH