UNIX AND SHELL PROGRAMMING (Common to CSE & ISE)

| Sub Code |

| : |

| 06CS36 |

| IA Marks |

| : |

| 25 |

| Hrs / Week |

| : |

| 04 |

| |

Exam Hours

:

03

Total Hrs

:

52

| |

Exam Marks

:

100

PART – A

▯▯▯▯▯▯ UNIT 1:

1.	The Unix Operating System, The UNIX architecture and Command Usage, The File System

6 Hours

▯▯▯▯▯▯ UNIT 2:

2.	Basic File Attributes, The vi Editor

6 Hours

▯▯▯▯▯▯ UNIT 3:

3.   The Shell, The Process, Customizing the environment

7 Hours

⬜⬜⬜⬜⬜⬜ **UNIT 4:**

4.   More file attributes, Simple filters

7 Hours

PART – B

⬜⬜⬜⬜⬜⬜ **UNIT 5:**

5.   Filters using regular expressions,

6 Hours

⬜⬜⬜⬜⬜⬜ **UNIT 6:**

6.   Essential Shell Programming

6 Hours

 UNIT 7:

7. awk – An Advanced Filter

7 Hours

 UNIT 8:

8. perl - The Master Manipulator

7 Hours

Text Book

1. **"UNIX   – Concepts and Applications",** Sumitabha Das, 4th Edition, Tata McGraw Hill, 2006.

(Chapters 1.2, 2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 18, 19).

Reference Books

UNIX and Shell Programming, Behrouz A. Forouzan and Richard F. Gilberg, Thomson, 2005.

Unix & Shell Programming, M.G. Venkateshmurthy, Pearson Education, 2005.