

LESSON PLAN

| Discipline: Computer science & Engg. | Semester: Sixth(6 th) | Name of the Faculty: Er. Pramod Kumar Sahu |
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| Subject: Network Security Lab (Pr 1) | No. of days/week class allotted: Three (3) | Semester from Date: 16.01.24 to Date: 26.04.24 No. of Weeks: 15 |
| WEEK | CLASS DAY | PRACTICAL EXPERIMENTS |
| 1 st | 1 st | Installation and comparison of various anti-virus software |
| | 2 nd | |
| | 3 rd | Review Class |
| 2 nd | 1 st | Continue |
| | 2 nd | |
| | 3 rd | Review Class |
| 3 rd | 1 st | Installation and study of various parameters of firewall. |
| | 2 nd | |
| | 3 rd | Review Class |
| 4 th | 1 st | continue |
| | 2 nd | |
| | 3 rd | Review Class |
| 5 th | 1 st | Writing program in C to Encrypt/Decrypt using XOR key. |
| | 2 nd | |
| | 3 rd | Review Class |
| 6 th | 1 st | continue |
| | 2 nd | |
| | 3 rd | Review Class |
| | 1 st | Study of VPN |
| | 2 nd | |

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| 7 th | 3 rd | Review Class |
| 8 th | 1 st | continue |
| | 2 nd | |
| | 3 rd | Review Class |
| 9 th | 1 st | Study of various hacking tools. |
| | 2 nd | |
| | 3 rd | Review Class |
| 10 th | 1 st | continue |
| | 2 nd | |
| | 3 rd | Review Class |
| 11 th | 1 st | Practical applications of digital signature |
| | 2 nd | |
| | 3 rd | Review Class |
| 12 th | 1 st | Practical applications of digital signature contd. |
| | 2 nd | |
| | 3 rd | Review Class |
| 13 th | 1 st | Review Class |
| | 2 nd | |
| | 3 rd | |
| 14 th | 1 st | Review Class |
| | 2 nd | |
| | 3 rd | |
| 15 th | 1 st | Review Class |
| | 2 nd | |
| | 3 rd | |