***Dr. Babasaheb Ambedkar Technological University***

***(Diploma Wing)***

**Lonere(402 103) , Dist. Raigad.**

***Department of Information Technology***

**INDEX SHEET**

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| **Sr No.** | **Title** | **Date** | **Page No.** | **Remarks** |
| 1. | Installing Linux: Quick Installation, Detailed installation procedure, Special Installation topics. |  |  |  |
| 2. | Understanding System Administration: Using root login, Becoming super user, Administrative commands. |  |  |  |
| 3. | Identify and use of the major desktop components of GNOME and KDE interfaces and their functions. |  |  |  |
| 4. | Setting up Linux as a Proxy server. |  |  |  |
| 5. | Setting up and supporting users: Creating user accounts, setting user defaults, modifying accounts, deleting accounts, Checking disk quotas, Sending mail to user. |  |  |  |
| 6. | Backing up and restoring files: Selecting backup strategy, Magnetic tape, Writable CD`s, Backing up hard drive, Backing up files with dump, Automating back up, Restoring backed up files. |  |  |  |
| 7. | Configure LAN and use communication and networking commands: **finger, talk, mesg, mailx, pine, telnet, ftp. Resolving of IP addresses.** |  |  |  |
| 8. | Use simple and advanced filters: **pr, head, tail, cut, paste, sort, uniq, te, grep, sed, awk.** |  |  |  |
| 9. | TCP/IP network administration**: ifconfig, ping, netstat, inetd, pppd, etc.** |  |  |  |
| 10. | Introduction to Shell programming: .sh files, simple shell scripts, execution of shell scripts, Arithmetic operations. |  |  |  |

***CERTIFICATE***

*This is to certify that Mr./Ms.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Class\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No.\_\_\_\_\_\_\_\_\_\_\_\_\_ Exam No.\_­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has satisfactorily completed the Term-Work in the Subject \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as detailed above within the four walls of laboratory during the period from \_\_\_\_\_\_\_\_\_\_\_\_\_*

*\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*

*Date: / / 20* ***STAFF MEMBER HEAD OF DEPARTMENT***

**[Prof. A. H. Shelake] [Prof. S. M. Gaikwad]**