System Administration and Maintenance

Class: B.Sc.-I

DURATION: One Month

Department of Computer Science

1. Title: System Administration and Maintenance.
2. Year of implementation: 2020

Structure of Capsule Course

Duration In Month	Theory Periods	Practical Periods	Total Periods	Credits	No. of Students in batch
1	-	10	-	1	

LearningObjectives:

1. To learn the Computer Hardware Professionals and proper use of internal and external storage devices.

2. Identify, install, configure, and upgrade various computer components.

Syllabus

List of Experiment (10)

1. Installation of Different Operating Systems: Windows XP, Windows 7.
2. Troubleshooting and Repair Operating System: Windows XP, Windows 7.
3. Installation of different device drivers.
4. Installation of Application Software: Photoshop 7.0, Page Maker 6.5, CorelDraw 12.
5. Installation of CD-ROM Drive.
6. Installation of CD-DVD Burning Software like: Nero 7.0 & PowerISO 4.0.
7. Installation and Troubleshooting of Printer (Dot-Matrix and Laser Printer).
8. Installation and Troubleshooting of Scanner (Photo & Bar Code Scanner).
9. Identify various hardware components.
10. Installation of Sound Card and printer.
11. Demonstration on Desktop, Icon, selecting, choosing, drag and drop.
12. Demonstration on Install/uninstall devices and properties in control panel.

Learning Outcomes:

At the end of this course, the students should be able to

1.Able to understand install and navigate an operating system.

2.Learn how to remove and replace select components of a printer/scanner; perform preventive maintenance and troubleshooting.

Reference books:

1. PC AND CLONES Hardware, Troubleshooting and Maintenance- B. Govinda rajalu, Tata Mc-graw-Hill Publication.
2. PC Troubleshooting and Repair -Stephen J. Bigelow Dream tech Press, New Delhi.
3. PC Hardware: A Beginner's Guide -RON GILSTER,Osborne/McGraw-Hill.
4. FUNDAMENTALS OF COMPUTER STUDIES-Jeleel Adekunle ADEBISI, November 2013.

BOS Sub Committee:

1. Ms.Atar R.U.   Chairman

2. Ms. Pawar B.A.   Member

3. Mr. Shinde C.R.   Member

4. Ms. Pawar V.N.   Member

5. Ms. Mane A.V.   Member

Expert Committee:

1. Dr. Poonam Ponde (Nowrosjee Wadiya College, S.P .Pune University)

2. Dr. Kavita Oza (Shivaji University, Kolhapur)