

Introduction to Computer

Placement : First Year

Theory – 45 Hours
(Class -15 + lab 30)

Course Description : This course is designed for students to development basic understanding of uses of computer and its applications in nursing.

Specific objectives: After the completion of the course, students will able to:

1. Identify & define various concepts used in computer.
2. Identify & describe application of computer in nursing.
- 3 Describe & use the DOS & Windows
4. Describe & demonstrate skill in the use of MS-office.
5. Describe & demonstrate skill in using multimedia & computer aided teaching & testing.
6. Identify & demonstrate use of internet & e-mail
7. Describe & use the statistical packages
8. Describe the use of Hospital Management System.

Unit	(Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> ●Identify & define various concepts used in computer ●Identify application of computer in nursing 	Introduction <ul style="list-style-type: none"> ●Concepts of Computers ●Hardware and software; trends and technology ●Application of computers in nursing 	<ul style="list-style-type: none"> ●Lecture Discussion ●Demonstration 	<ul style="list-style-type: none"> ●Short answers ●Objective type.
II	26 Hrs T=6 P=20	<ul style="list-style-type: none"> ●Describe and Use the Disk Operating System ●Demonstrate skill in the use of MS Office 	<ul style="list-style-type: none"> ●Introduction to disk operating system <ul style="list-style-type: none"> ○ DOS ○ Windows (all version) ●Introduction <ul style="list-style-type: none"> ○ MS-Word ○ MS-Excel with pictorial presentation ○ MS-Access ○ MS-Power point 	<ul style="list-style-type: none"> ●Lecturer Discussion ●Demonstration 	<ul style="list-style-type: none"> ●Short answers ●Objective type ●Practical Exam.
III	5 Hrs T=2 P=3	<ul style="list-style-type: none"> ●Demonstrate skill in using in using multi-media ●Identify features of computer aided teaching and testing 	<ul style="list-style-type: none"> ●Multimedia; types & uses ●Computer aided teaching & testing. 	<ul style="list-style-type: none"> ●Lecture Discussion ●Demonstration 	<ul style="list-style-type: none"> ●Short answers ●Objective type ●Practical Exam and Viva Voce
IV	4 Hrs T=1 P=3	<ul style="list-style-type: none"> ●Demonstrate use of internet and Email 	<ul style="list-style-type: none"> ●Use of Internet and : e-mail 	<ul style="list-style-type: none"> ●Lecture Discussion ●Demonstration ●Practice Session 	<ul style="list-style-type: none"> ●Short answers ●Objective type ●Practical Exam and Viva Voce

Unit	(Hrs)	Learning Objective	Content	Teaching Learning Activities	Assessment methods
V	4 Hrs T=2 P=2	•Describe and use the statistical packages	•Statistical packages : types and their features	•Lecturer Discussion •Demonstration •Practice Session	•Short answers •Objective type •Practical Exam and Viva Voce
VI	3 Hrs T=1 P=2	•Describe the use of Hospital Management System	•Hospital Management System : Types and uses	•Lecture Discussion •Demonstration	•Short answers •Objective type •Practical Exam and Viva Voce

REFERENCES

- 1) Jain and Saakshi (2004), *COMPUTERS FOR NURSES*
- 2) Kalicharan (2002), *INTRODUCTION TO COMPUTER SCIENCE*
- 3) Nicoll (2001), *NURSES GUIDE TO INTERNET*. Third edition.
- 4) Phatak M et al (2001), *MULTIMEDIA TECHNIQUES*. First edition, Nirali Prakashan.
- 5) Rajaraman (1999), *FUNDAMENTALS OF COMPUTER*. Tata Macrohill Publication, New Delhi.
- 6) Sanjeev kumar (2002), *A TEXTBOOK OF COMPUTER APPLICATIONS*. Educational and Technical Publishers, New Delhi.

Evaluation Scheme

Subject #Introduction to computer	Internal Assessment	Total
Theory	100 (College level qualifying exam, minimum passing Marks 50%.)	100

College level qualifying exam to appear in University Examination must be minimum 50% combined i.e. 50 marks out of 100 marks (Theory & Practical Examination clubbed together)

Details as follows:

Internal Assessment: 100 Marks

(Out of 100 Marks to be send to the University)

Mid-Term: 50 Marks
Prelim: 50 Marks
Total: 100 Marks

