

Branch Name:	BACHELOR OF PHYSIOTHERAPY
Program Code:	PT101
Course Title:	COMPUTER APPLICATIONS (Not for University Exam)
Course Code:	2PT1010107
Pre-requisite Course:	- NONE -

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)			Credit	Evaluation Scheme (Marks)					
Lecture	Tutorial	Practical		Theory(T)		Practical(P)		Total Marks	
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	Theory	Practical
0.5	-	0.5	1.5	-	-	-	-	-	-

COURSE OUTCOMES:

At the end of the course the candidate will be able to

1. The course enables the students to understand the fundamentals of computer and its basic applications.

Subject Contents:

Sr. No.	Topic	Total Hours
1	Introduction to data processing: a) Features of computers. What are Hardware and Software? b) Advantages of using computers. Role and uses of computers. What is data processing? c) Application areas of computers and common activities in data processing. Types of data processing, characteristics of application.	10
2	Hardware concepts: a) Architecture of computers – characteristics of discs, tapes, terminals, printers, network. b) Types of storage devices. c) Concept of damage. Application of networking concept of PC system care, floppy care, data care etc.	10
3	Concept of software a) Classification of software: System software. Application of software, Operating System, Computer System, computer virus, precautions against viruses, dealing with viruses, computers in medical electronics	08
4	Basic anatomy of Computers: a) Principles of programming: Computer application – principles in scientific research, work processing, medicine, libraries, museum, education, information system. b) Data processing c) Computers in Physical Therapy – Principles of EMG, Exercise testing equipment, Laser.	10