

Subject Code: 1PT1010106	Subject Title: COMPUTER APPLICATIONS (Not for University Exam, Only for Internal Exam)
Pre-requisite Subject	- NONE -

Objectives of course:

Learning outcomes:

Teaching Scheme (Hours)				Evaluation Scheme (Marks)					
Lecture	Tutorial	Practical	Total hours	Theory(T)		Practical(P)		Total Marks	
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	Theory	Practical
60	--	40	100	--	--	--	--	--	--

Subject Contents			
Sr. No.	Topic	Total Hours	Weight (%)
1	Introduction to data processing: Features of computers. What are Hardware and Software? Advantages of using computers. Role and uses of computers. What is data processing? Application areas of computers and common activities in data processing. Types of data processing, characteristics of application.		
2	Hardware concepts: Architecture of computers – characteristics of discs, tapes, terminals, printers, network. Types of storage devices. Concept of damage. Application of networking concept of PC system care, floppy care, data care etc.		
3	Concept of software Classification of software: System software. Application of software, Operating System, Computer System, computer virus, precautions against viruses, dealing with viruses, computers in medical electronics.		

4	Basic anatomy of Computers: Principles of programming: Computer application – principles in scientific research, work processing, medicine, libraries, museum, education, information system. Data processing Computers in Physical Therapy – Principles of EMG, Exercise testing equipment, Laser.		