Paper Code: PS01CIIT01	Total Credit: 3
Title Of Paper: Introduction to Information Technology	

Unit	Description in detail	Weightage (%)
I	**Information Concepts and Processing** Introduction to Information Technology Computer : The Information Processor **Data and Information** Data Information Difference between Data & Information Features of Information **Categories of Information** Decision at different organizational level Long term planning Short range planning Operational information Historical data for reference and analysis Levels of Information	25%
II	**Elements of Computer System & Communication** Elements of Compute System Capabilities of Computer Limitations of Computer **Computer Classification** Analog Digital **Category of Computer** Micro computer Mini computer Mainframes Super computer Personal Computer – Laptop, Palmtop Desktop Computer Introduction to Communications Convergence of Computing with Communications Data Transmission and Communication Need of Data Communication / Transmission	25%
III	**Computer Software and Operating System** Computer System Organization **Software** System Software Application Software Translators Compiler Interpreter	25%

	Assembler Emulators Simulators Introduction to Operating System Disk Operating System DOS Commands :- Dir, Date, Prompt, Copy, Del, Ren, Cd, Md, RD,Chkdsk, Scandisk, Format,Move, More, Attrib		

IV	**Information Technology Applications**
	IT Applications :-
	Business Data Processing
	    Online Reservation
	    Computers in Bank
	    Electronic Fund Transfer (EFT)
	Scientific Computer
	Process Control
	Application Packages
	Payroll Application
	Health Care Application
	Use of Computers in Education
	Use of Computers in Entertainment
	Computer based Training
	Railway Reservation System
		25%	

Basic Text & Reference Books:-

Information Technology, "O" level, Elective-1, Module-M1.1, by V. K. Jain, BPB Publication.
Fundamentals of Information Technology – by Deepak Bharihoke, Published by Excel Books.