BTTM-303
Computer Applications in Tourism
Programme: Bachelor in Tourism and Travel Management (BTTM 16)
Year / Semester: 3rd Semester
Objective: An introduction to micro computing for the non-specialist, and provides students with an understanding of the role of information systems in the management of tourism & hotel facilities.

Block 1 **Computer Technology and Tourism**	
Unit 1	History and Evolution of Computer Generation; Computer Hardware and Computer Software, CPU
Unit 2	Concepts of Computer Applications, Input / Output Devices; Numbering System and Data Representation, DOS Commands
Unit 3	Windows and MS Office, MS Word / MS Excel / MS Power Presentation;
Unit 4	Uses of Computer Technology in Tourism Industry: Travel Agency, Hospitality and Airlines Operators
Block 2 **Application of Computer Software in Tourism Industry**	
Unit 5	Introduction of CRS, CRS for Rail Transport, CRS for Hotel Booking, CRS for Airlines
Unit 6	Global Distribution system- Concept and uses An introduction to Amadeus, Galileo, sabre and worldspan
Unit 7	Use of MICROS – FIDELIO and other latest software in Tourism Operation Customized softwares of various organization case study TCI/Kuoni
Unit 8	Advantages and Disadvantages of using computer technology; Advantages and Disadvantages of using computer software
Block 3 **Fundamentals of Internet**	
Unit 9	Introduction to Internet, Accessing Web Sites,
Unit 10	Computer Network & Microsoft outlook Concept of LAN, WAN and What is E-Mail, Sending & Receiving of E-Mails, Subscription of E-Mail to various Sites,
Unit 11	Search Engines, Searching through various Search Engines, Chatting, and Various Online Messages.
Unit 12	Travel Agency Automation, Tourism Production System, Arm Chair Tourism, E-Tourism Business, E-Tourism Marketing

	Block 4 **E-Business in Tourism**
Unit 13	Meaning and Applications of E-Commerce, E-Business and E-Marketing; Significance of E-Commerce in Tourism and Travel
Unit 14	E-Business Setup: B2B, B2C, C2C
Unit 15	Safety and Security in E-Business; Encryption, Firewall, Digital Signature
Unit 16	On line business and it's setup, Study of any Three E-Business Organisation in Tourism and Travel