Programme Name and Code: Master of Tourism and Travel Management (MTTM-24)
Course Name and Code: Information Technology For Tourism Industry (MTTMB-303)
Semester: 3rd
Objective: An introduction to microcomputing for the non-specialist and provides students with an understanding of the role of information systems in managing tourism and 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 the Tourism Industry: Travel Agency, Hospitality and Airlines Operators
Block-2 **Application of Computer Software in the 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 Customised software of various organisation case studies 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 and Accessing Web Sites,
Unit-10	Computer Network & Microsoft Outlook Concept of LAN, WAN, E-mail: Concept, Components and Types
Unit-11	Search Engines, searching through various Search Engines, Chatting, and Various Online Messages.
Unit-12	Travel Agency Automation, E-Tourism Business and 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	Online business and its setup, Study of any Three E-Business Organizations in Tourism and Travel

Suggested Readings:

- Burch, J. and Grudnitski G. (1989). Information Systems: Theory and Practice. 5 th ed., John Wiley, New York.
- David, V. (1992). Foundations of Business Systems, Dryden Press, Fort Worth.
- Eliason, A. L. (1987). Online Business Computer Applications, 2 nd ed., Science Research Associates, Chicago.
- Estrada, S. (1993). Connecting to the Internet, O'Reilly, Sebastopol, CA.
- Dixit Saurabh (2012) Information Technology in Tourism, APH Publishing corporation
- ABC World Airways Guide
- Amadeus/Galileo/Sabre—Global Distribution System
- IATA Air Ticketing Handbook
- Passenger Air Tariff.
- Travel Information Manual