

Effective from A.Y: 2019-20

Learning objective: The learner will be able to understand the fundamentals of tourism management information systems.

Course Methodology:

Lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study/ Case Studies etc. or a combination of some of these. Sessions shall be interactive in nature to enable peer group learning

Syllabus:

UNIT 1: Introduction to Tourism MIS	12 Hours
Introduction to Computers, Characteristics of computers, Applications of computers, Different units of computer, Component of computers, Input, Output and auxiliary storage device. Computer application In Tourism, Operating System, MS Office Packages, and Protection of data from virus attacks.	
UNIT 2: MIS in Tourism and Aviation Industry	12 Hours
Passenger Reservation Systems, CRS versus GDS, Crew scheduling, fleet planning, baggage and cargo systems, Expert Systems, Systems in aircrafts, Safety Systems, Gate Management and Departure Control System, Fleet management systems, Airport use of IT, flight information display system, Electronic immigration control, Passenger service	

Suggested Readings:

1. Leon Alexis and Mathews Leon, 'Introduction to Computers'. (Latest edition), Vikas Publishing House Pvt. Ltd., New Delhi.
2. Bhatnagar, S. C. and Ramani, K. V. 'Computers and information management. A Primer for Practicing Managers', (Latest edition), Prentice Hall of India Pvt. Ltd., New Delhi,
3. Bansundara, S. (2015). Computer Today.
4. Goel Ritender and Kakkar, D. N. 'Computer Application in Management'. (Latest edition), New Age International Publishers, New Delhi.
5. Jaggi, V. P. and Jain Sushma. 'Computers for Everyone'. (Latest edition), Academic India Publishers, New Delhi.
6. Simpson, Alan. 'Your First Computer'. (Latest edition), BPB Publications, New Delhi.
7. Saxena, S. and Prabhpreet, Chopra. 'Computer Applications in Management'. (Latest edition), Vikas Publishing House Pvt. Ltd., New Delhi.

Learning outcomes:

The learner will be able to:

1. Understand the utility of MIS in tourism

Identify the software used in airline and travel industry