

S. No.	Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
								Sessional	Final Exam	Total
16	BFSMI 107(D)	Foundation of IT	Minor	4	4	0	0	40	60	100

COURSE OUTCOMES:

At the end of the course the student will be able to: -	
CO1	Examine the concept and importance of Information System in business.
CO2	Appreciate the types of computer networks
CO3	Comprehend the role of Information systems in strategic decision making.
CO4	Analyze the various ethical and security issues in implementation of Information technology.
CO5	Apply the emerging trends and applications of IT in business.

Detailed Syllabus

Section A

Unit I: IT in Business Environment: Business in the information age, Basic concepts of information systems, IT support at different organization levels, Managing information technology in organizations, IT people and careers, Role of IT in business and society.

(10Hrs)

Unit II: Computer Systems and Networks: Computer Systems- Hardware -I/O devices, Memory devices, Processors- Software - classification of software- systems software, Application software- Operating Systems- Definition- Types of OS, Understanding of GUI- Networks- Definition- Types of Networks- LAN, WAN- Network Topologies- Physical Communication Media-TCP/IP, OSI Model.

(10Hrs)

Unit III: Strategic Information System and Re organization: Strategic Advantage and Information Technology, Porter's Competitive force model and IT, Strategic Information systems; Ineffective organizations in the information age; Business Process Reengineering; Virtual Corporations and Information Technologies.

(10Hrs)

Section B

Unit-IV: Implementing IT: Ethics, Impact and Security: Ethical Issues, Impacts of IT on Jobs and organization, Impact on Individuals at work; Societal Impacts and internet communities; security Issues and challenges.

(09Hrs)

Unit-V: Emerging trends and Applications in IT: Internet of Things (IOT); Big Data Analytics; Cloud Computing; Artificial Intelligence; Virtual and Augmented Reality; IT Governance, Operational risk and governance, Governance of internal IT processes, E governance framework, E Commerce, Digital markets, electronic data security.

(09Hrs)

Text Books

S. No.	Name of the Books	Author	Publisher	Edition (Pub.Yr.)
1	Information Technology for Management	Muthukumaran	Oxford University Press	4 th (2012)
2	Introduction to Information Technology	Turban, Rainer & Potter	Wiley Student Edition	2 nd (2008)

Reference Books

S. No.	Name of the Books	Author	Publisher	Edition (Pub.Yr.)
1	Information Technology for Management	Turban, Volonino, Wood, Wali	Wiley	2 nd (2021)