

LESSON PLAN

Subject Name: BANK TECHNOLOGY MANAGEMENT

Hours : 60

Objective : 1. To create awareness about the latest technologies adopted in the Banking sector.

2. To understand the practical application of latest technology in efficient working of banks.

Sl. No	UNIT & OBJECTIVES	No. of Lecture Hours	Methodology/Instructional techniques	Evaluation/learning confirmation
Module I	Branch Operation and Core Banking	12		
1.	Introduction and Evolution of Bank Management	2	Lecture	Question and Answer
2.	Technological Impact in Banking Operations	2	Lecture	Question and Answer
3.	Total Branch Computerization – Concept of Opportunities	2	Lecture	Question and Answer
4.	Centralized Banking – Concept, Opportunities, Challenges & Implementation.	4	Lecture	Question and Answer
5.	Case study	2	Activity & video	Activity
Module II	Delivery Channels	14		
1.	Overview of delivery channels	2	Lecture	Question and Answer
2.	Automated Teller Machine (ATM)	2	Lecture	Question and Answer
3.	Phone Banking – Call centers – Internet Banking	4	Lecture	Question and Answer

4.	Mobile Banking – Payment Gateways	3	Lecture	Question and Answer
5.	Card technologies – MICR electronic clearing	2	Lecture	Question and Answer
6.	Case study	1	Activity & video	Question and Answer
Module III	Back Office Operations	14		
1.	Bank back office management	1	Lecture	Question and Answer
2.	Inter branch reconciliation	1	Lecture	Question and Answer
3.	Treasury Management	2	Lecture	Question and Answer
4.	Forex Operations	2	Lecture	Question and Answer
5.	Risk Management	2	Lecture	Question and Answer
6.	Data centre Management – Network Management	2	Lecture	Question and Answer
7.	Knowledge Management (MIS/DSS/EIS)	1	Lecture	Question and Answer
8.	Customer Relationships Management (CRM)	2	Lecture	Question and Answer
9.	Case study	1	Activity & video	Question and Answer
Module IV	Inter Bank Payment System	10		
1.	Interface with Payment system Network – Structured Financial Messaging system	2	Lecture	Question and Answer
2.	Electronic Fund transfer – RTGS,	1	Lecture	Question and Answer
3.	Negotiated Dealing Systems & Securities Settlement Systems	2	Lecture	Question and Answer

4.	Electronic Money– E Cheques - – SWIFT – Electronic clearing system	2	Lecture	Question and Answer
5.	Debit and Credit Clearing – RBI – Net data – Net bank wire	2	Lecture	Question and Answer
6.	Case study	1	Activity & video	Question and Answer
Module V	Contemporary Issues In Banking Techniques	10		
1.	Analysis of Banking Committee Reports on Technology Integration	1	Lecture	Question and Answer
2.	E Banking-Mobile Banking–Touch banking- Budgeting	2	Lecture	Question and Answer
3.	Banking Softwares –Analysis of Recent Core Banking Softwares.	2	Lecture	Question and Answer
4.	Bit Coin, E-Wallet, Crypto Currency	2	Lecture	Question and Answer
5.	Innovations in banking related concepts.	1	Lecture	Question and Answer
6.	Case study	2	Activity & video	Question and Answer

Assessment

- 1) 10 marks CIA (assignments and test)
- 2) 20 marks (Mid Term)
- 3) 70 marks (ESE)

BOOKS FOR REFERENCE

- Jessica Keyes -Financial Services Information Systems - Auerbach publication; 2nd edition (March 24, 2000)(Text Book)
- Kaptan S S & Choubey N S., “E-Indian Banking in Electronic Era”, Sarup & Sons, New Delhi, 2003
- Vasudeva, “E – Banking”, Common Wealth Publishers, New Delhi, 2005
- Turban Rainer Potter, Information Technology, John Wiley & Sons Inc
- Banking Technology - Indian Institute of Bankers Public

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