



**PARVATHANENI BRAHMAYYA
SIDDHARTHA COLLEGE OF ARTS & SCIENCE**

Autonomous

Siddhartha Nagar, Vijayawada-520010

Re-accredited at 'A+' by the NAAC

22 BA 4E2: BANKING TECHNOLOGY MANAGEMENT

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| Subject Code : | 22 BA 4E2 | I A Marks | 30 |
| No. of Lecture Hours / Week | 05 | End Exam Marks | 70 |
| Total Number of Lecture Hours | 75 | Total Marks | 100 |
| Practical Component | 01 Hour/Week | Exam Hours | 03 |

Course Outcomes: By the end of the course, students will be able:

- CO-1 To explain the role of information technology in Indian Banking Industry.
- CO-2 To explain the role of electronic banking and electronic fund management.
- CO-3 To explain how integrated communication networks works in banks and the role of CRM.
- CO-4 To explain how to manage disaster management and computer security. The role of computer audit and security control aspects.
- CO-5 To explain the importance of data warehousing and data mining techniques and its advantages.

UNIT – I

IT in Banking – Information Technology and its implications – Information Technology – Indian Banking Scenario – Initiatives and Trends. (15 Hours)

UNIT – II

Applications in Banking – Computer based information System for Banking and Electronic Banking, Electronic Fund Management. (15 Hours)

UNIT – III

Enabling Technologies of Modern Banking – Electronic Commerce and Banking – Customer Relationship Management – Integrated Communication Networks for Banks (15 Hours)

UNIT – IV

Security and Control Systems – Computer Security and Disaster Management System – Audit and Computer Crime – Security and Control Aspects of Emerging Banking Technologies (15 Hours)

UNIT – V:

Planning and Implementation of Information System – Data Warehousing and Data Mining – Designing and Implementing Computerization in Banking Sector (15 Hours)

References:

1. Hawtrey. The Art of Central Banking. (1970) New York: Augustus M Kelley Publishers.
2. Desai, Vasant, Indian Banking, Nature and Problems 1st Edition (1980) Mumbai, Himalaya Publishing House.

3. Murdick, R.G., Ross, J.E., Clagget J.R, Information Systems for Modern Management.
3rd Edition (1988) PHI



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MODEL QUESTION PAPER

M.B.A (GENERAL) DEGREE EXAMINATION, Fourth Semester

22 BA 4E2 – BANKING TECHNOLOGY MANAGEMENT

Duration: 3 hours

Maximum Marks: 70

SECTION- A

Answer the Following Questions

5×4=20 Marks

1. (a) Information technology. (CO1) (L1)
OR
(b) Banking trends. (CO1) (L1)
2. (a) Electronic Banking. (CO2) (L1)
OR
(b) Relationship Management. (CO3) (L1)
3. (a) Computer Security. (CO4) (L1)
OR
(b) Computer Audit. (CO4) (L1)
4. (a) Computer Crime. (CO4) (L1)
OR
(b) Data Mining. (CO5) (L1)
5. (a) (CO4) (L1)
OR
(b) (CO5) (L1)

SECTION – B

Answer the following Questions

5×8=40 Marks

6. a) Explain the role technology in Indian banking. (CO1) (L2)
OR
b) Discuss the initiatives and new trends in Indian banking. (CO1) (L6)
7. a) Discuss the role of computer based information system. (CO2) (L6)
OR
b) Explain electronic fund management. (CO2) (L2)
8. a) Explain Customer Relationship Management. (CO3) (L2)
OR
b) Discuss integrated communication networks in banks. (CO3) (L6)
9. a) Explain disaster management techniques. (CO4) (L5)
OR
b) Discuss security control aspects in banking industry. (CO4) (L6)
10. a) Discuss Data ware housing techniques. (CO5) (L6)
OR
b) Explain the advantages of data mining. (CO5) (L5)

SECTION C - (1 x 10=10 marks)

Answer the following question.

- 11) Discuss the future of Indian banking industry with latest technological developments.
(CO1) (L6)