

FACULTY OF ARTS
DEPARTMENT OF COMMERCE
ACOMVAC07 - DIGITAL BANKING

LEARNING OBJECTIVES

LO 1: To meet the emerging needs of businesses in a rapidly changing global market

LO 2: Electronic payments are the life blood of e Commerce. Electronic payments are expanding rapidly

LO 3: To study the emerging trends in digital banking in the globalised scenario

COURSE OUTCOMES

CO 1: Students have choices to pursue professional courses such as CA, M.COM, MBA, CMA, ICWA, CS, etc

CO 2: Students are able to play roles of businessmen, entrepreneur, managers, consultant,

CO 3: Help learners to possess knowledge and other soft skills and to react aptly

CO 4: Confronted with critical decision making.

Unit I - DIGITAL BANKING DEVELOPMENT AND PRODUCTS

Introduction - Need for Digital Banking Products Customer Education for Digital Banking Products CARDS - ATMs Cash Deposit Machines - Cash Re-Cyclers. Overview and brief history Various types of cards Product - features EMV technology New Technologies - Tap and Go, NFC - ATMs - Overview and Brief History Product Features- ATM Network Planning - Operations and Technology

Unit II - MOBILE BANKING

Overview and Brief History - Product Features and Diversity - IMPS - Profitability of Mobile Banking - Risk Management and Frauds - Back End Operations and Technology- Wireless payments, digital wallets - the Google wallet - Google pay - Phonepe banking in mainland china Peer-to-peer payments: PayPal.

Unit III INTERNET BANKING

Overview and Brief History - Product Features - Corporate and Individual Internet Banking Integration with e-Commerce Merchant sites - Profitability of Internet Banking - Risk Management and Frauds - Back End Operations and Technology - Virtual currencies - Bit coin.

Unit IV BRANCHLESS BANKING

Objectives - Introduction - Financial Inclusion - Logic and logistics - Vehicles for Financial Inclusion - Business Correspondents/ Business facilitators - Digital Banking Products for Financial Inclusion.

Unit V PAYMENT SYSTEMS

Overview of global payment systems - Overview of domestic payment systems - RuPay and RuPay Secure - Immediate Payment Service (IMPS) - National Unified USSD Platform (NUUP) - National Automated Clearing House (NACH) - Aadhaar Enabled Payment System (AEPS) e-KYC - National Financial Switch (NFS) - RTGS - NEFT - Forex settlements - Innovative Banking & Payment Systems.

TEXT BOOK

1. Electronic Commerce: Framework, Technologies and Applications, Bhasker, McGraw- Hill Education (India) Pvt. Ltd, New Delhi
2. Electronic Payment Systems for E-Commerce, Donal O'Mahony, Michael A. Peirce, Hitesh Tewari & O'Mahony Donal - Sub Edition, Artech House
3. Shekar K.C., Banking Theories & Practice, vikas publishing house Pvt. Ltd. 2007

SUPPLEMENTARY READINGS

1. Desai Raghunath (2007), E-banking, srishti book distributors, New Delhi, ISBN 978-5.1-89948-13-9
2. Uppal RK, Banking with technology, New century publications, New Delhi
3. Indian Institute of Banking & Finance, Rural Banking, Mumbai
4. D.Rambure, A.Nacamuli, Payment systems palgravemacmilan studies in banking & financial institutions 2008th edition
5. Payment Technologies for E-Commerce, by Weidong Kou, ISBN 3540440070.
6. Protocols for Secure Electronic Commerce, by M. H. Sherif, Second Edition, ISBN 0849315093.
7. Payment Systems: From the Salt Mines to the Board Room, by Rambure and Nacamuli. ISBN 978-0-230-20250-4.
8. Payment Technologies for E-Commerce, by Weidong Kou, ISBN 3540440070.
9. Electronic Commerce: Framework, Technologies and Applications, Bhasker, McGraw-Hill Education (India) Pvt. Ltd, New Delhi
10. Electronic Payment Systems for E-Commerce, Donal O'Mahony, Michael A. Peirce, 6. Hitesh Tewari & O'Mahony Donal - Sub Edition, Artech House