



**FIRST-YEAR OF MASTER OF COMMERCE  
MAJOR BANKING AND FINANCE REVISED  
SYLLABUS ACCORDING TO CBCS NEP  
2020**

**COURSE TITLE: MANAGEMENT INFORMATION SYSTEM  
AND BANKING  
SEMESTER-II, W.E.F. 2023-2024**

**RECOMMENDED BY THE BOARD OF STUDIES IN COMMERCE  
AND**

**APPROVED BY THE ACADEMIC COUNCIL**

Devrukh Shikshan Prasarak Mandal's

Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and  
Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh.  
Tal.Sangmeshwar, Dist. Ratnagiri-415804, Maharashtra, India

Academic Council Item No: \_\_\_\_\_

Name of the Implementing Institute	:	Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh. Tal. Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Master of Commerce
Name of the Department	:	Commerce
Name of the Class	:	First Year
Semester	:	Second
No. of Credits	:	04
Title of the Course	:	Management Information System and Technologies in Banking
Course Code	:	C407BKT
Name of the Vertical in adherence to NEP 2020	:	Major and Minor
Eligibility for Admission	:	Any graduate seeking Admission to Master Programme in adherence to Rules and Regulations of the University of Mumbai and Government of Maharashtra
Passing Marks	:	40%
Mode of Assessment	:	Formative and Summative
Level	:	PG
Pattern of Marks Distribution for TE and CIA	:	60:40
Status	:	NEP-CBCS
To be implemented from Academic Year	:	2023-2024
Ordinances /Regulations (if any)	:	

*Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre Science College, Devrukh (An Autonomous College Affiliated with University of Mumbai)*

## Syllabus for First Year of Master of Commerce in Banking and Finance

(With effect from the academic year 2023-2024)

**SEMESTER-II**

**Paper No.— I**

**Course Title: MIS and Technologies in Banking**

**No. of Credits - 04**

**Type of Vertical: Major and Minor**

**COURSE CODE: C407BKT**

### Learning Outcomes Based on BLOOM's Taxonomy:

After completing the course, the learner will be able to...

Course Learning Outcome No.	Blooms Taxonomy	Course Learning Outcome
CLO-01	Understand	To understand the concepts of management information system
CLO-02	Apply	To apply technological knowledge in the field of banking business
CLO-03	Analyze	To analyze the scope and activities of technology in business scenario
CLO-04	Evaluate	To evaluate the relevance and importance of banking technology

**Syllabus for First Year of Master of Commerce in Banking and Finance**

(With effect from the academic year 2023-2024)

**Syllabus for First Year of Master of Commerce in Banking and Finance**

(With effect from the academic year 2023-2024)

**SEMESTER-II**

**Paper No.— I**

**Course Title: MIS and Technologies in Banking**

**No. of Credits - 04**

**Type of Vertical: Major and Minor**

**COURSE CODE: C407BKT**

<b>COURSE CONTENT</b>			
<b>Module No.</b>	<b>Content</b>	<b>Credits</b>	<b>No. of Lectures</b>
1	<b>Module I : Essentials of Bank Computerization</b> Bank Computerization, Networking Technologies in Banks, Uninterrupted Power System (UPS), Core Banking, Data Warehousing and Data Mining	01	15
2	<b>Module II: Alternate Delivery Channels – Digital Banking</b> Alternate Delivery Channels, Automated Teller Machines (ATMs), Electromagnetic Cards, Electronic Banking, Customer Protection– Limiting Liability of Customers in Unauthorised Electronic Banking Transactions, Harmonization of Turn Around Time (TAT) and Customer Compensation for Failed Transactions Using Authorised Payment Systems Data Communication Networks, Network Scenario in India: Major Networks, Emerging Trends in Communication Networks for Banking, Evolution of EFT Systems, Structured Message Transfer System Using SWIFT, Automated Clearing Systems, Two-Level Funds Transfer System, Emergence of Electronic Payment Systems in India	01	15
3	<b>Digital Payment Systems – NPCI</b> Electronic Clearing Systems in India, National Payment Corporation of India (NPCI), Digital Initiatives by the Government of India	01	15

4	<b>Module IV: Impact of Technology Adoption and Trends in Banking Technology</b> Trends in Technology Developments, Role and Uses of Technology Upgradation, Global Trends in Banking Systems, Impact of Information Technology on Banks, Some emerging technology trends in Banking, e-RUPI, Fintech/Reg Tech/Sup Tech, Social Media Banking, Hashtag Banking, Account Aggregators, Open Banking	01	15
	Total	04	60

### Access to the Course

The course is available for all the students admitted for Bachelor of Commerce as a Major or a minor. The students seeking admission in other disciplines may select the course as a minor considering the terms and conditions laid down by the University of Mumbai, the Government of Maharashtra, and the college, from time to time.

### Forms of Assessment

The assessment of the course will be of Diagnostic, Formative and Summative type. At the beginning of the course diagnostic assessment will be carried out. The formative assessment will be used for the Continuous Internal Evaluation whereas the summative assessment will be conducted at the end of the term. The weightage for formative and summative assessment will be 30:20. The detailed pattern is as given below.

#### Term End Evaluation (60 Marks)

##### Question Paper Pattern

Time: 2 hours

Question No.	Unit/s	Question Pattern	Marks
Q.1	All Unit	MCQs	12
Q.2	I	Attempt any 2 out of 3	12
Q.3	II	Attempt any 2 out of 3	12
Q.4	III	Attempt any 2 out of 3	12
Q.5	IV	Attempt any 2 out of 3	12
<b>Total</b>			<b>60</b>

#### Internal evaluation (40 Marks)

Sr. No.	Description	Marks
1	Mid Term Examinations	20
2	Active Participation in teaching learning Process	10
3	Subject related activities as assigned by the teacher	10
<b>Total</b>		<b>40</b>

### Grading Scale

The grading scale used is O to F. Grade O is the highest passing grade on the grading scale, and grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

References :

- 1) Goyal D.P., Management Information Systems (MIS), Deep & Deep Publications, New Delhi, 1994
- 2) Kenneth C Laudon and Jane P Laudon, Management Information Systems – Managing the Digital Firm, 9<sup>th</sup> Ed. Pearson Education Asia, New Delhi, 2007.
- 3) O'Brien James A., Management Information Systems, Galgotia Publications Ltd., New Delhi, 1991.
- 4) Post, Gerald V., Management Information Systems : Solving Business Problems with Information Technology, Third edition, Tata McGraw-Hill Publishing Company Limited, , New Delhi, 2003.
- 5) Scott, George M., Principles of Management Information Systems, McGraw-Hill Publishing Company, Singapore, 2003.