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|  | GUJARAT UNIVERSITY  CENTER FOR PROFESSIONAL COURSES  FINTECH (5 Yrs. Integrated) M.Sc. Programme  Semester: 4 |

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| Course Code: | Course Name: | Course Credit: |
| DSC-C-FIN-242T | Payment and Settlement | 4 |

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| Credit Distribution: (for Theory Papers) | | | | | | |
| Unit | Credit | Time Duration | Lecture | Tutorial | Practical | Total Hours |
| 1 | 1 | Weekly | 3 | 1 |  | 4 |
| 2 | 1 | Weekly | 3 | 1 |  | 4 |
| 3 | 1 | Weekly | 3 | 1 |  | 4 |
| 4 | 1 | Weekly | 3 | 1 |  | 4 |

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| Unit | Content | Weightage |
|  | Introduction and Fundamentals - Definition and significance of payment systems - Historical evolution and key milestones - Participants and types of payment systems – RBI Payment Settlement Act. | 25% |
|  | Payment Instruments and Clearing - Types of payment instruments (cash, checks, cards, etc.) - Clearing and settlement processes - Risks associated with payment systems. | 25% |
|  | Electronic and Cross-Border Payment Systems - Electronic payment systems (online banking, ACH, digital wallets) - Cross-border transactions and international payment systems. | 25% |
|  | Emerging Trends and Challenges - Innovations in payment systems - Regulatory challenges and compliance - Future outlook and potential challenges. - Technology-driven changes - Security challenges in the digital era. | 25% |

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| Pre-Requisite |
| * Students must know about types of negotiable instruments, online payment systems, digital gateways and all other payment methods. * The process followed by clearing house of India for payment and settlement. * They must be aware about regulatory framework about payments. * Basic technological knowledge |

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| Co-Requisite |
| * General overview about fund transfer systems * Central counterparties and clearing systems * Securities settlement systems * Securities infrastructure by the Central Bank |
| Learning Objectives: |
| 1. Understand the concept and principles of Payment and Settlement System. 2. Explore electronic and cross-border payment systems 3. Innovations in payment systems, Assess regulatory challenges, compliance, and the impact of FinTech. |

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| Course Outcomes (COs): |
| 1. Define and explain the significance of payment and settlement systems. 2. Evaluate various payment instruments and their applications. 3. Analyse the regulatory and ethical considerations in Payment and Settlement. 4. Understand and navigate cross-border payment complexities |

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| Taxonomy: |
| College can appoint any one of the Taxonomies as per their convenience.  1. Blooms Taxonomy – Revised OR Finks Taxonomy |

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| Text and References: |
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| Mode of Evaluation | | | |
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| Semester End Evaluation (SEE)  / External | Continuous and Comprehensive Evaluation (CCE) / Internal | | |
| Total: 50 Marks | Total: 50 Marks | | |
| Passing: 18 Marks | Passing: 18 Marks | | |
| External Exam will be conducted by | Internal Test | Assignment | Attendance |
| Gujarat University of 50 Marks of Paper for | 30 Marks | 10 Marks | 10 Marks |
| 2 Hours. |  |  |  |

The question paper structure for SEE will be as follow:

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| Question No. | Unit No. | Type of Questions | Marks |
| 1 | 1 | Question with Internal Option | [10] |
| 2 | 2 | Question with Internal Option | [10] |
| 3 | 3 | Question with Internal Option | [10] |
| 4 | 4 | Question with Internal Option | [10] |
| 5 | All | Short Questions with Internal Option (Ten out of Twelve: Three questions to be asked from each unit) Objective Type Questions / Definitions/ Fill in the blank / MCQs / True-False / Match A with B | [10] |
|  |  | Total | [50] |