



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, M.Sc., Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

(Established under section 3 of the UGC Act 1956, by notification No.F.9-12/2001-U3
Government of India)

Sub Committee for Curriculum Development

Course Name: IT Solutions to Banking And Financial Markets II

Course Code : T3303

(UG/PG): PG

Number of Credits: 3

Level: 4

Learning Objective(s): The course is designed to help students understand how IT plays a key role in enabling business operations of all entities involved in Banking and Financial Markets. Thrust is to understand process view of various operations in a typical Financial Institution. And understand how IT applications are designed and implemented in executing these processes.

Pedagogy:

Lectures
Class discussion
Case Studies

Pre-requisites: Should have learned course BFM I

Course Outline:

Sr No.	Topic	Hours
1	Classification of Banking Business Operational Structure of Banks Domestic / International Banks Retail Banking Wholesale Banking Case Study 1 – Functional Architecture of a typical Bank Case Study 2 – Technological Initiatives in Different Financial Markets Case Study 3 – Retail Banking products Case Study 4 – Wholesale Banking products	6
2	Retail Banking Retail Lending Products Credit Cards Originations, Receivables & Collections systems	12

	Case Study 5 – Workflow design for Retail Lending System Case Study 6 - Design of Receivables system	
3	Wholesale Banking Trade Finance Cash Management Asset Liability Management Case Study 7 – Liquidity Management, Intra Day Investment Sweeping Case Study 8 – Workflow design for Trade Finance products	12
4	Investment Banking Settlement Systems Static Data Repository Requirements Derivatives Products & Trading Case Study 9– Analysis of various Corporate Action events Case Study 10 – Design of Static Data Repository systems Case Study 11– Analysis of Core Banking Systems	9
5	Core Banking Solutions, Mobile and Tele Banking Solutions Payment & Clearing Systems in Banking, Payment Gateway Domestic & Cross Border payments Real Time Gross Settlements (RTGS) and NEFT Continues Linked Settlements SWIFT FOREX Case Study 12 – Analysis of various SWIFT message types Case Study 13 – Internal Risk Based Approach – BASEL II	6
	Total	45

Books Recommended:

1. Financial Analysis and Modeling by Chandan Sengupta
2. Financial Modeling by Simon Benninga

Suggested Evaluation Methods:

Written Examination
Case Study
Group Activity

Parallel/Similar courses the existing curriculum:

S.No.	Name of the course	Institute where it was offered

Name of Member	Ashok Kotwal	Hiren Malani			
Designation	Adjunct Professor	Visiting Faculty			
Org. / Inst.	SICSR				
Signature					

Name of the Expert:

Signature:

Date:

