

Financial Innovations in Banking Industry



India | UAE | Nigeria | Uzbekistan | Montenegro | Iraq | Egypt | Thailand | Uganda | Philippines | Indonesia www.parabpublications.com

Financial Innovations in Banking Industry

Authored By:

Dr. Raj Ankush Soshte

Associate Professor, Accountancy and Co-ordinator Post Graduate Section

NSS College of Commerce and Economics, Tardeo, Mumbai

Copyright 2024 by Dr. Raj Ankush Soshte

First Impression: December 2023

Financial Innovations in Banking Industry

ISBN: 978-81-19585-68-7

https://doi.org/10.5281/zenodo.10717824

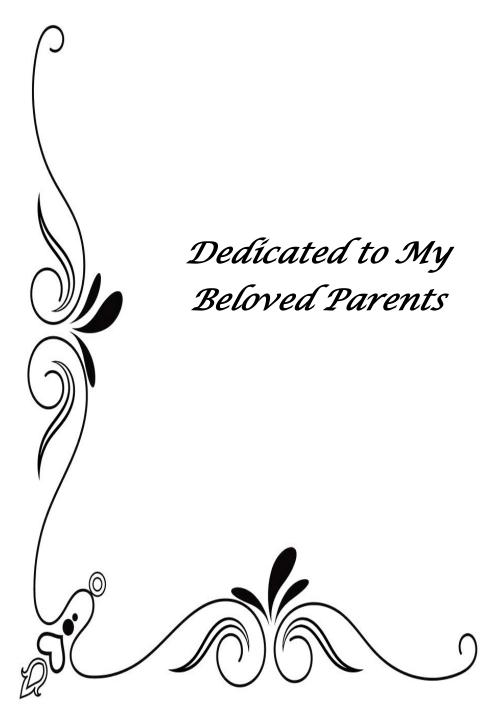
Rs. 1000/- (\$80)

No part of the book may be printed, copied, stored, retrieved, duplicated and reproduced in any form without the written permission of the editor/publisher.

DISCLAIMER

Information contained in this book has been published by Parab Publications and has been obtained by the author from sources believed to be reliable and correct to the best of their knowledge. The author is solely responsible for the contents of the articles compiled in this book. Responsibility of authenticity of the work or the concepts/views presented by the author through this book shall lie with the author and the publisher has no role or claim or any responsibility in this regard. Errors, if any, are purely unintentional and readers are requested to communicate such error to the author to avoid discrepancies in future.

Published by: Parab Publications



Preface

The banking industry has undergone many changes in recent years. Almost every bank has started to approach it innovatively with the aim of creating added value for customers. With the help of information technology (IT), new innovations in product design and their transfer to the banking and financial sector are possible. New technology allows banks to build new systems that meet a wide range of customer needs that were not possible yesterday. The technology associated with financial innovation has completely changed the philosophy of banking and it has become more difficult for competition. The competitive environment creates more innovation in the banking sector in product, process and marketing areas. Today we have both an electronic payment system and banknotes. The banking and financial sector is moving to a scenario where liquidity and security can be accompanied by new instruments.

I am very much indebted to my parents - father Late Shri. Ankush, Mother Smt Anushaya, always source of inspiration for me, who have reposed confidence in me; my wife Asmita and my beloved daughter Avika and son Rayansh who encouraged and helped me at every stage of my personal and academic life, and longed to see this achievement come through. I would like to thank to my beloved sisters Ms. Manda and Ms. Durna for continuous supports and blessing.

I extend my sincere thanks to the Principal, Management and Teaching and Non-Teaching staff of NSS College for continuous motivation and cooperation. I extend my sincere thanks to all stakeholders who directly and indirectly related to my research work and for giving valuable inputs and supports. I also thankful to Librarian of Jawaharlal Nehru Library, University of Mumbai, NSS College, R.A.Podar College and Dr.Ambedkar College. I also thankful to all my dearest colleagues and friends for motivation and co-operation during my research work.

Dr. Raj A. Soshte

About the Book

Financial innovation in the banking sector involves the development and implementation of new financial products, services, technologies, and business models. This innovation aims to enhance efficiency, reduce costs, and improve customer experiences. Examples include digital banking, block chain technology, and innovative payment solutions like mobile wallets. These advancements often reshape traditional banking practices and contribute to a more dynamic and competitive financial landscape.

Financial innovation encompasses the creation and application of new financial products, services, technologies, or business models to improve efficiency, accessibility, and effectiveness within the financial sector. Examples include fintech solutions, blockchain applications, robo-advisors, peer-to-peer lending platforms, and various electronic payment systems. Financial innovation can lead to increased competition, improved customer experiences, and more inclusive financial services. However, it also brings challenges such as regulatory considerations and potential risks that need careful management.

Financial innovations often face regulatory challenges as authorities strive to strike a balance between encouraging innovation and ensuring stability and consumer protection. The increasing reliance on technology exposes the banking sector to cyber security threats, requiring robust measures to protect sensitive financial information. With the collection and utilization of vast amounts of customer data, financial institutions must navigate concerns related to privacy and data security. Resistance to change, both from customers and within organizations, can impede the adoption of innovative financial solutions. Integrating new technologies with existing systems can be complex, and institutions may face challenges in ensuring seamless compatibility. Financial innovation allows for more personalized and

user-friendly services, enhancing overall customer experience and satisfaction. Automation and technology-driven solutions can reduce operational costs for banks, leading to improved efficiency and potentially lower fees for customers. Innovative solutions can extend financial services to underserved populations, promoting financial inclusion on a global scale. Institutions embracing financial innovation can gain a competitive edge by offering cutting-edge products and services, attracting a broader customer base. Advanced analytics and artificial intelligence enable banks to derive valuable insights from customer data, aiding in more informed decision-making and targeted marketing.

Navigating these challenges while leveraging the opportunities can position banks to thrive in an evolving financial landscape driven by innovation. The Book throw lights on the present scenario of financial innovations in banking sector in India. Author present empirical study of selected banks in Mumbai regions by considering the various aspects for evaluation of the performance of the selected banks in Mumbai region.

LIST OF TABLES

Table No.	Title	Page No.
1.1	Sample Size	5
3.1	Definition of Customers Satisfaction	21
3.2	Dimensions of service quality	25
3.3	Attributors to Kano Model	26
3.4	Objectives of ASCI Model	28
3.5	Specific Performance Metrics	31
5.1	Component loading of customers satisfaction	58
5.2	Perception of Respondents towards dimensions of customer satisfaction – Public Sector Bank	63
5.3	Perception of Respondents towards dimensions of customer satisfaction – Private Sector Bank	64
5.4	Dimensions of Customer Satisfaction: Sector-wise Comparison	65
5.5	Norms for Level of Customer Satisfaction	66
5.6	Level of Customer Satisfaction	67
5.7	Dimensions of Customer Satisfaction in the Public Sector: Age-wise Comparison	69
5.8	Post-hoc Test with regard to 'Tangibility Dimension' in Public Sector	70
5.9	Post-hoc Test with regard to 'Reliability Dimension' in Public Sector	71
5.10	Post-hoc Test with regard to 'Efficiency Dimension' in Public Sector	72
5.11	Post-hoc Test with regard to 'Accuracy Dimension' in Public Sector	72
5.12	Post-hoc Test with regard to 'Security Dimension' in Public Sector	73
5.13	Post-hoc Test with regard to 'Customer Satisfaction' in Public Sector	74

5.14	Dimensions of Customer Satisfaction in the Private Sector: Age-wise Comparison	75
5.15	Post-hoc Test with regard to 'Tangibility Dimension' in Private Sector	76
5.16	Post-hoc Test with regard to Reliability Dimension' in Private Sector	77
5.17	Post-hoc Test with regard to 'Efficiency Dimension' in Private Sector	78
5.18	Post-hoc Test with regard to 'Accuracy Dimension' in Private Sector	79
5.19	Post-hoc Test with regard to 'Security Dimension' in Private Sector	79
5.20	Post-hoc Test with regard to 'Customer Satisfaction' in Private Sector	80
5.21	Dimensions of Customer Satisfaction in the Public Sector: Area-wise Comparison	81
5.22	Post-hoc Test with regard to 'Reliability Dimension' in Public Sector	83
5.23	Post-hoc Test with regard to 'Efficiency Dimension' in Public Sector	84
5.24	Post-hoc Test with regard to 'Security Dimension' in Public Sector	85
5.25	Dimensions of Customer Satisfaction in the Private Sector: Area-wise Comparison	86
5.26	Post-hoc Test with regard to 'Reliability Dimension' in Private Sector	87
5.27	Post-hoc Test with regard to 'Efficiency Dimension' in Private Sector	88
5.28	Post-hoc Test with regard to 'Security Dimension' in Private Sector	89

LIST OF FIGURES

Figure	Title	Page No.
3.1	Customer satisfaction Index and service factor	24
3.2	Gap Model of service quality	26
3.3	ASCI Model	29
3.4	Zone of tolerance for Hotels (HOTELZOT)	30
5.1	Information of Respondents	52
5.2	Using Financial Innovation Banking service	53
5.3	Users of Financial Innovation Banking service	54
5.4	Advantages of Financial Innovation Banking service	54
5.5	Impact of Financial Innovation Banking service on the	55
	society after demonetization	
5.6	Challenges of Financial Innovation Banking	55
5.7	Customer level satisfaction towards Financial Innovation	56
	banking service of their banks	
5.8	Financial Performance of your Bank	57

Table of Contents

Ded	ication		IV
Pre	face		V
Abo	About the Book List of Tables List of Figures		VI - VII VIII - IX X
List			
List			
Tab	le of Con	tents	XI - XIV
		Title of Chapters	Page No.
CHA	APTER - 1		
INT	RODUCT	TION	
1.1	INTRO	DUCTION	1 - 2
1.2	IMPOR STUDY	TANCE AND SIGNIFICANCE OF THE	2
1.3	OBJEC	TIVES OF THE STUDY	3
1.4	НҮРОТ	THESES OF THE STUDY	3 - 4
1.5	RESEARCH METHODOLOGY		
	1.5.1	Research Design	4
	1.5.2	Methods of Data Collection	4 – 5
	1.5.3	Sample Design	5
1.6	LIMITA	ATION OF THE STUDY	5 – 6
1.7	EXPEC	TTED OUTCOMES	6

1.8	СНАРТЕ	RISATION OF THE STUDY	6 – 7
СНА	APTER - 2		
REV	VIEW OF L	ITERATURE	
2.1	INTROD	UCTION	8
2.2	REVIEW PAPERS	OF THESES/BOOKS / RESEARCH	8 – 18
2.3	RESEAR	CH GAP	18
СНА	APTER - 3		
	ANCIAL USTRY IN	INNOVATION IN BANKING INDIA	
3.1	INTROD	UCTION	19
3.2	INNOVA	TION	19
	3.2.1	Financial Innovation	19 – 21
3.3	CUSTOM	ERS SATISFACTION	21
	3.3.1	Definition of Customers Satisfaction	21
	3.3.2	Theories of Customers Satisfaction	22 – 24
	3.3.3	Models of Customers Satisfaction	24 - 30
3.4	PERFORMANCE MEASUREMENT		30 - 32
3.5	CONCLU	SION	32

CHAPTER - 4

PROFILE OF THE SELECTED BANKS FOR THE STUDY

<i>4.1</i>	PROFILE OF THE PUBLIC BANK SELECTED
	FOR THE STUDY

	4.1.1	Bank of Maharashtra		
		4.1.1.1 History	33	
		4.1.1.2 Economics and Banking Scenario 2020-21	33 – 34	
		4.1.1.3 Outlook for 2021-22	34	
		4.1.1.4 Performance Highlights 2020-21	34 – 35	
	4.1.2	Central Bank of India		
		4.1.2.1 History	35	
		4.1.2.2 Performance Highlights	36 – 38	
4.2		FILE OF THE PRIVATE BANKS ECTED FOR THE STUDY		
	4.2.1	ICICI Bank		
		4.2.1.1 Introduction	39	
		4.2.1.2 History	39 – 45	
	4.2.2	HDFC Bank		

4.2.2.1 History	45
4.2.2.2 Financial Innovation of HDFC Bank	46 – 49
4.3 CONCLUSION	49 - 50
CHAPTER - 5	51 00
ANALYSIS AND INTREPRETATION OF DATA	51 – 90
CHAPTER - 6	
FINDINGS, CONCLUSION AND SUGGESTIONS	
6.1 FINDINGS OF THE STUDY	91 – 93
6.2 SUGGESTIONS	93 – 95
6.3 CONCLUSION	95
BIBLIOGRAPHY	96 – 99
WEBSITES	100
ABBREVIATION	101 – 102

ABOUT THE AUTHOR



Dr. Raj Ankush Soshte is presently working as Associate Professor, Accountancy and Co-ordinator Post Graduate Section at NSS College of Commerce and Economics, Tardeo, Mumbai. He has more than 18 years of teaching experience at UG Level and 12 years at PG Level. He has been awarded a Post – doctoral fellowship (USA). He was a member of the Ad-hoc Board of Studies in the Faculty of Commerce in the subject of Trade, Transport of Industry for two consecutive terms. He is also a member of the Board of studies in the subject of Accountancy in various autonomous colleges of University of Mumbai. He is also a member of the Research Advisory Committee of various colleges' Ph.D. Research Center. He is Post Graduate Recognised Teacher and Research Guide, University of Mumbai. He published many research papers in SCOPUS index, Web of Science, ABDC, UGC Care Listed Journals and various high impact factor peer reviewed Journals. He is also co-author of various books on his subject. He has been invited as a resource person at various State, National and International conferences/ workshops. He is the recipient of various awards, like recipient of Best Researcher Award, Young Social Scientist Award, National Talent Search Award by IAA, Rajeshri Shau Maharaj Award 2023, Kolhapur, Recipient of the most prestigious Bharatratna Dr. APJ Abdul Kalam lifetime achievement award for his academic, research and educational contribution in the field of Higher education.







India | UAE | Nigeria | Malaysia | Montenegro | Iraq | Egypt | Thailand | Uganda | Philippines | Indonesia