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Manu Nandal
Assistant Professor, Dept. of Management Studies, B.P.S.M.V, Khanpur Kalan, Sonipat, Haryana, India

Correspondence
Manu Nandal
Assistant Professor, Dept. of Management Studies, B.P.S.M.V, Khanpur Kalan, Sonipat, Haryana, India

Threat in banking region

Manu Nandal

Abstract
Risk supervision is that the classification, evaluation, and prioritization of risks followed by coordinated and efficient application of resources to reduce, monitor, and management the chance and impact of unfortunate events or to maximise the belief of opportunities. Risk management's objective is to assure uncertainty doesn't deflect the endeavour from the business goals. Risk Management is the application of proactive strategy to plan, lead, organize, and management the big variety of risks that are hurried into the material of an organization's daily and long functioning. Risk is an exposure to dealing with loss, that happens with some probability and which might be expected, measured and decreased. In money establishments risk result from variations and fluctuations in assets or liability or each in incomes from assets or payments and on liabilities or in outflows and inflows of money. Today, banks face numerous kinds of risks like Credit risk, Market risk, and operative risk. For any money establishments like banks, risk management is important for fulfilment and survival during this competitive world. This paper conjointly examined the various techniques adopted by banking system for risk management.

Keywords: Risk management, banking sector, credit risk, market risk, operating risk

Introduction
A risk is defined as random event with money consequences leading to loss or reduced earnings. Therefore, a risky proposition is one with potential profit or a looming loss. Risk stems from uncertainty or unpredictability of the future. In industrial and business risk generates profit or loss relying upon the method during which it's managed. Risk is defined because the volatility of the potential outcome. Risk is the risk of one thing adverse happening. Risk management is that the method of assessing risk, taking steps to reduce risk to a suitable level and maintaining that level of risk. Risk is defined as anything that can produce hindrances within the method of achievement of sure objectives. It is due to either internal factors or external factors, relying upon the kind of risk that exists inside a selected situation. Exposure to it risk will create a state of affairs more essential.

Objectives the Study
The following are the objectives of the study.
- To identify the risks faced by the banking industry.
- To trace out the process and system of risk management.
- To examine the techniques adopted by banking industry for risk management.

Research Methodology
This paper is theoretical modal based on the secondary source of information has gathered. The sources include online publications, Books and journals.

Types of Risks in Banking Sector
Credit Risk
This is the risk of non-recovery of loan or the risk of reduction within the price of quality. The credit risk additionally includes the pre-payment risk leading to loss of chance to the bank to earn higher interest income. Credit Risk additionally arises due excess exposure to a single recipient, trade or a geographical area. The component of country risk is additionally gift that is that the risk of losses being incurred attributable to adverse exchange reserve state of affairs or adverse political or economic things in another country.

Interest Rate Risk
This risk arises attributable to fluctuations within the interest rates. It may result in reduction within the revenues of the bank attributable to fluctuations within the interest rates that are dynamic and that modification otherwise for assets and liabilities. With the deregulated era interest rates are market determined and banks got to fall in line with the market trends although it's going to stifle their web Interest margins.

Liquidity Risk
Liquidity is the ability to fulfil commitments as and once they are due and skill to undertake new transactions once they are profitable. Liquidity risk could emanate in any of the following situation

a) web outflow of funds arising out of withdrawals/non renewal of deposits
b) non recovery of money receipts from recovery of loans
c) Conversion of contingent liabilities into fund primarily based.

Foreign Exchange Risk
Risk could arise on account of maintenance of positions in forex operations and it involves currency rate risk, dealing risks (profits/loss on transfer of attained profits attributable to time lag) and transportation risk (risks arising out of exchange restrictions) commitment.

Regulatory Risks
It is defined as the risk related to the impact on profitableness and monetary position of a bank attributable to changes within the regulative conditions, for example the introduction of quality classification norms have adversely affected the banks of NPAs and record bottom lines.

Technology Risk
This risk is related to computers and also the communication technology that is being more and more introduced within the banks. This entails the chance of devolution and also the risk of losing business to rise technologically.

Market Risk
This is the chance of losses in off and on balance sheet positions arising from movements in market costs. Market risk is that the risk to the banks earnings and capital as a result of changes within the market level of interest rates or costs of securities, interchange and equities, also because the volatilities, of these costs.

Strategic Risk
This is the chance arising out of bound strategic selections taken by the banks for sustaining themselves within the gift day state of affairs as an example call to open a subsidiary might run the chance of losses if the subsidiary doesn't benefit business.

Process of Risk Management
To overcome the risk and to create banking operate well, there's a desire to manage every kind of risks related to the banking. Risk management becomes one of the most functions of any banking services risk management consists of distinctive the danger and dominant them, suggests that keeping the danger at acceptable level In risk management exercise the highest management must lay down clear cut policy pointers in quantitative and precise terms - for various layers force business parameters, limits etc. it's vital for the management to plant at the macro level what the organizations is trying sure in any business proposition or venture and convert these expectations into micro-level factors and needs for field level. Functionaries solely then they'll be able to convert these expectations into reality. a really vital assumption is formed however ordinarily omitted or over looked is provision of infra-structural support and semiconducting climate. Ultimately prime management contains a bigger role to play in any risk management method.
In the process of risk management following functions comprises:
Risk identification
Risk measurement or quantification
Risk control
Monitoring and reviewing

Risk identification
It involves the naming and process of every kind of risk related to a group action or kind of product or service. It includes the understanding the character of varied forms of risks. The circumstances are that lead a state of affairs to become a risk state of affairs and causes because of that the chance will arise.

Risk Quantification
Risk quantification is an assessment of the degree of the chance that a selected group action or an activity is exposed to. The estimation of the scale is likelihood and temporal arrangement of potential loss underneath numerous eventualities though' the precise activity of risk isn't doable however the extent of risk is determined with the assistance of risk rating models.

Risk Control
Risk management is that the stage wherever the bank or establishments take steps to regulate the chance with the assistance of varied tools.

Risk Monitoring
In risk observance the bankers got to fix up the parameters on that the group action is to be tested to make certain that there's no risk to viable existence of the monetary unit or investment of the bank.

Techniques of Risk Management
GAP Analysis
It is an interest rate risk management tool supported the record that focuses on the potential variability of net-interest financial gain over specific time intervals. during this technique a maturity/ re-pricing schedule that distributes interest-sensitive assets, liabilities, and off-balance sheet positions into time bands per their maturity (if fastened rate) or time remaining to their next re-pricing (if floating rate), is ready. These schedules are then accustomed generate indicators of interest-rate sensitivity of each earnings and value to dynamic interest rates. When selecting the time intervals, assets and liabilities are sorted into these time buckets per maturity (for fastened rates) or first possible re-pricing time (for flexible rates). The assets and liabilities that may be re-priced are referred to as rate sensitive assets (RSAs) and rate sensitive liabilities (RSLs) severally.

Interest sensitive gap (DGAP) reflects the variations between the amount of rate sensitive quality and also the volume of rate sensitive liability and given by, GAP = RSAs – RSLs the knowledge on GAP offers the management a plan regarding the results on net-income because of changes within the rate of interest. Positive GAP indicates that a rise in future rate of interest would increase cyber web interest financial gain because the modification in interest financial gain is larger than the modification in interest expenses and the other way around.

Value at Risk

The Value at risk indicates what quantity a firm will lose or create with an explicit chance in an exceedingly given time horizon. Volt-ampere summarizes monetary risk inherent in portfolios into an easy variety. Though volt-ampere is employed to live market risk normally, it incorporates several different risks like foreign currency, commodities, and equities.

Risk Adjusted Rate of Return on Capital (RAROC)

It offers an economic basis to live all the relevant risks systematically and provides managers tools to create the economical choices relating to risk/return exchange in numerous assets. As economic capital protects monetary establishments against sudden losses, it's very important to portion capital for numerous risks that these establishments face. Risk Adjusted Rate of come on Capital (RAROC) analysis shows what quantity economic capital totally different products and businesses want and determines the overall come on capital of a firm. Though Risk Adjusted Rate of come is often accustomed estimate the capital needs for market, credit and operational risks, it's used as an integrated risk management tool.

Securitization

It is a procedure studied below the systems of structured finance or credit coupled notes. Securitization of a bank's assets and loans could be a device for raising new funds and reducing bank's risk exposures. The bank pools a group of income-earning assets (like mortgages) and sells securities against these within the open market, thereby remodelling illiquid assets into tradable asset backed securities. Because the returns from these securities depend upon the money flows of the underlying assets, the burden of compensation is transferred from the mastermind to those pooled assets.

Sensitivity Analysis

It is terribly helpful once trying to see the impact, the particular outcome of a selected variable can have if it differs from what was previously assumed. By making a given set of scenarios, the analyst will verify however changes in one variable can impact the target variable.

Internal Rating System

An internal rating system helps monetary establishments manage and management credit risks they face through disposal and different operations by grouping and managing the credit-worthiness of borrowers and therefore the quality of credit transactions.

Conclusion

Risk management is crucial for the survival of a company. the target of risk management isn't to prohibit or stop risk taking activity, however to confirm that the risks are consciously loving full information, clear purpose and understanding in order that it is measured and relieved. It additionally prevents an establishment from suffering unacceptable loss. The banking system is exposed to completely different risks like forex volatility, risk, variable rate risk, market play risk, operational risks, credit risk etc., which can adversely have an effect on its gain and monetary health. Risk management has therefore emerged as a brand new and difficult space in banking. Basel II supposed to enhance safety and soundness of the financial system by putting raised stress on bank's own control and risk management method and models the effectiveness of risk measurement in banks depends on efficient Management data system, automation and internet operating of the branch activities.

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