

Kiran Vyapar Ltd

Credit Risk Stress Test - on Capital Adequacy

Example - (Data as per June 2023)

		Normal situation		Stress situation		Rs.Lacs
		Normal situation		Stress situation		
On Balance items	Risk weight	Exposure	RWA	Extent of down- grade (%)	Exposure	RWA
Cash & Cash equivalent	-	1,406.92	-	-	1,406.92	-
Investment in Group Cos (adjusted for CRAR Calculation)	-	9,618.96	-	-	9,618.96	-
Investment in External Cos (adjusted for CRAR Calculation)	100	58,971.02	58,971.02	100	58,971.02	58,971.02
Loans & Advances in Group Cos (adjusted for CRAR Calculation)	-	1,665.73	-	-	1,665.73	-
Loans & Advances in External Cos (adjusted for CRAR Calculation)	100	13,363.74	13,363.74	100	13,363.74	13,363.74
Fixed Assets	100	28.67	28.67	100	28.67	28.67
Advance Tax Paid	-	345.14	-	-	345.14	-
Others	100	29.36	29.36	100	29.36	29.36
(A)		85,429.54	72,392.79		85,429.54	72,392.79
Off Balance items						
Partly Paid up shares-Commitment due in Venture Capital Fund	100	6,212.62	6,212.62	100	6,212.62	6,212.62
Other Contingent Liability-Income Tax	50	2,149.02	1,074.51	100	2,149.02	2,149.02
(B)		8,361.64	7,287.13		8,361.64	8,361.64
Total Risk Weighted Asset (A+B)			79,679.92			80,754.43
Tier I-Capital Fund (Net Owned Fund)			60,748.52			60,748.52
Tier II-Capital Fund			125.74			125.74
Total-Capital Fund			60,874.26			60,874.26
CRAR			76.40%			75.38%

Kiran Vyapar Ltd
Credit Risk Stress Test - on Profitability

Example A: The regulatory provisioning requirement under a stress situation is assumed as 1% for all Standard; 25% for Sub-standard and 100% for all Doubtful categories.

Rs. in Lacs					
		Normal situation		Stress situation	
Asset Classification	Exposure	Rate of Provisioning (%)	Provision	Revised rate of provi-sioning (%)	Provision
Standard Assets	15,182.42	0.40	60.73	1.00	151.82
Sub-Standard Assets	-	10.00	-	25.00	-
Doubtful & Loss Assets	68.24	100.00	68.24	100.00	68.24
Total	15,250.66		128.97		220.06
Details		Normal situation		Stress situation	
Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23)			4,646.14		
Additional Provisions					91.09
Revised Annual Profit under Stress Situation					4,555.05
Impact on profits (%)					-1.96%
ROA			30.47%		29.87%
Total-Capital Fund	60,874.26			60,783.17	
RWA	79,679.92			79,588.83	
CRAR	76.40			76.37	

Example B: The downgrade from Standard to NPA (sub standard) is assumed to be 10% and the provisioning requirements under stress situation are assumed as 25% for Sub-Standard Assets & other as per example A above:

Rs. in Lacs						
	Normal situation			Stress situation		
Asset Classification	Exposure	Rate of Provisioning (%)	Provision	Exposure	Revised rate of provi-sioning (%)	Provision
Standard Assets	15,182.42	0.40	60.73	13,664.18	1.00	136.64
Sub-Standard Assets	-	10.00	-	1,518.24	25.00	379.56
Doubtful & Loss Assets	68.24	100.00	68.24	68.24	100.00	68.24
Total	15,250.66		128.97	15,250.66		584.44
Details		Normal situation		Stress situation		

Annual Profit (Provisional Total Comprehensive Income for the period ended 31st Decemeber of Financial Year 2022-23)			4,646.14		
Additional Provisions					455.47
Revised Annual Profit under Stress Situation					4,190.67
Impact on profits (%)					-9.80%
ROA			30.47%		27.48%
Total-Capital Fund	60,874.26			60,418.79	
RWA	79,679.92			79,224.45	
CRAR	76.40			76.26	

Kiran Vyapar Ltd
Interest Rate Risk Stress Test

(in Lacs)

The following illustrations indicate a few methods of application of stress tests to assess the impact of interest rate risk from the earnings perspective.

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	2,729.01	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.34	15,155.21
Rate sensitive liabilities (RSL) – Value	13,063.86	-	-	-	-	-	-	-	-	13,063.86
Gap (RSA-RSL)	(10,334.85)	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.34	2,091.35

Annual Profit (Provisional Total Comprehensive Income for the Financial Year 2023-24)	=	4,646.14
---	---	----------

Scenario A : When interest rates increase by 1% across all time buckets both for assets and liabilities

[illegible]

Scenario B : When interest rates decrease by 1% across all time buckets both for assets and liabilities

[illegible]

Gap (RSA-RSL)	(10,334.85)	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.34	2,091.35
Interest On RSA	(27.29)	-	(7.28)	(36.63)	(22.19)	(44.07)	(13.40)	-	(0.68)	(151.55)
Interest On RSL	130.64	-	-	-	-	-	-	-	-	130.64
Impact on NII	103.35	-	(7.28)	(36.63)	(22.19)	(44.07)	(13.40)	-	(0.68)	(20.91)
Impact on profit										-0.45%

Scenario C : When interest rates increase by 1% for time buckets up to one year and decrease by 1% for time buckets beyond one year both for assets and liabilities

Time buckets	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Rate sensitive assets (RSA) – Value	2,729.01	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.34	15,155.21
Rate sensitive liabilities (RSL) – Value	13,063.86	-	-	-	-	-	-	-	-	13,063.86
Gap (RSA-RSL)	(10,334.85)	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.34	2,091.35
Interest On RSA	27.29	-	7.28	36.63	22.19	44.07	(13.40)	-	(0.68)	123.38
Interest On RSL	(130.64)	-	-	-	-	-	-	-	-	(130.64)
Impact on NII	-103.35	-	7.28	36.63	22.19	44.07	-13.40	-	-0.68	(7.26)
Impact on profit										-0.16%

Remarks: Where all assets and liabilities are linked to floating interest rates, any change in the interest rates would normally impact the interest rates pertaining to those assets and liabilities which are due for maturity/ re-pricing within the time horizon over which the stress is envisaged. Interest rate risk is a type of systematic risk that particularly affects fixed rate debt instruments like bonds and debentures. The value of the fixed-rate debt instruments generally decline due to rise in interest rates and vice versa. The rationale is that a bond is a promise of a future stream of payments; an investor will offer less for a bond that pays-out at a rate lower than the rates offered in the current market. A rising interest rate scenario also affects the Company's interest expenditure on borrowed funds. The Company monitors the interest rate scenarios on a regular basis and accordingly takes investments decisions as whether to invest in fixed rate debt instruments, shares and securities at a particular point of time. Further, the Company's borrowings are short-term in nature and carry a fixed rate of interest and the company is in a position to pass on the rise in interest rates to its borrowers.

Kiran Vyapar Ltd		
Equity Price Risk Stress Test	(in Lacs)	
Price risk is the risk that the fair value of a financial instrument will fluctuate due to changes in market traded price. It arises from financial assets such as investments in equity instruments, bonds, mutual funds etc. The Company is exposed to price risk arising mainly from investments carried at fair value through FVTPL or FVOCI which are valued using quoted prices in active markets (level 1 investments). A sensitivity analysis demonstrating the impact of change in market prices of these instruments from the prices existing as at the reporting date is given below:-		
Particulars	Carrying value as at 30th June 2023	
Investments carried at FVTPL or FVOCI valued using quoted prices in active market (i.e Quoted Equity & MF)	24,786.92	
Analysis on total comprehensive income upon fluctuation of market prices	Impact on total comprehensive income	
Increase by 10%	2,478.69	
Decrease by 10%	(2,478.69)	
Details	Normal situation	Stress situation
Annual Profit (Provisional Total Comprehensive Income for the period ended 30th June of Financial Year 2023-24)	4,646.14	
Impact of negative fluctuation of market prices		2,478.69
Revised Annual Profit under Stress Situation		2,167.45
Impact on profits (%)		-53.35%
Total-Capital Fund	60,874.26	58,395.57
RWA	79,679.92	77,201.23
CRAR	76.40	75.64

Kiran Vyapar Ltd
Liquidity Risk Stress Test

(in Lacs)

	1-7 days	8-14 days	15-30/31 days	> 1 to 3 Months	> 3 to 6 Months	> 6 mths to 1 year	> 1 to 3 yrs	> 3 to 5 yrs	> 5 yrs	TOTAL
Normal										
Assets/Inflows:-										
Cash & Cash Equivalent	1,406.92	-	-	-	-	-	-	-	-	1,406.92
Investment in Listed Equity	16,883.99	-	-	-	-	-	-	-	1,330.73	18,214.72
Investment in Mutual Fund	6,572.20	-	-	-	-	-	-	-	-	6,572.20
Investment in Others	4,710.00	-	-	-	-	-	3,210.79	-	31,936.98	39,857.77
Investment in Venture Capital Fund	-	-	-	-	-	-	-	-	32,250.36	32,250.36
										-
Advances Through Regular Payment Schedule	-	-	728.24	3,662.55	2,219.14	4,407.48	1,340.45	-	68.24	12,426.10
Advances Through Bullet Payment	2,729.01	-	-	-	-	-	-	-	0.10	2,729.11
										-
Other Assets	17.08	-	-	-	-	12.28	-	-	373.81	403.17
										-
Total Assets	32,319.20	-	728.24	3,662.55	2,219.14	4,419.76	4,551.24	-	65,960.22	1,13,860.35
Loans from Related Parties (including ICDs)	13,063.86	-	-	-	-	-	-	-	-	13,063.86
Other Liabilities	219.48	-	-	-	-	-	-	-	1,00,577.01	1,00,796.49
Total Liability	13,283.34	-	-	-	-	-	-	-	1,00,577.01	1,13,860.35
Gap	19,035.86	-	728.24	3,662.55	2,219.14	4,419.76	4,551.24	-	(34,616.79)	-
Cumulative Gap	19,035.86	19,035.86	19,764.10	23,426.65	25,645.79	30,065.55	34,616.79	34,616.79	-	
Stress										
Assets/Inflows:-										
Cash & Cash Equivalent	1,406.92	-	-	-	-	-	-	-	-	1,406.92
Investment in Listed Equity	16,883.99	-	-	-	-	-	-	-	1,330.73	18,214.72
Investment in Mutual Fund	6,572.20	-	-	-	-	-	-	-	-	6,572.20
Investment in Others	4,710.00	-	-	-	-	-	3,210.79	-	31,936.98	39,857.77
Investment in Venture Capital Fund	-	-	-	-	-	-	-	-	32,250.36	32,250.36
										-
Advances Through Regular Payment Schedule	-	-	364.12	1,831.28	4,414.54	4,407.48	1,340.45	-	68.24	12,426.10
Advances Through Bullet Payment	1,364.51	-	-	-	1,364.51	-	-	-	0.10	2,729.11
										-
Other Assets	17.08	-	-	-	-	12.28	-	-	373.81	403.17

										-
Total Assets	30,954.70	-	364.12	1,831.28	5,779.04	4,419.76	4,551.24	-	65,960.22	1,13,860.35
Loans from Related Parties (including ICDs)	13,063.86	-	-	-	-	-	-	-	-	13,063.86
Other Liabilities	219.48	-	-	-	-	-	-	-	1,00,577.01	1,00,796.49
Total Liability	13,283.34	-	-	-	-	-	-	-	1,00,577.01	1,13,860.35
Gap	17,671.36	-	364.12	1,831.28	5,779.04	4,419.76	4,551.24	-	-34,616.79	-
Cumulative Gap	17,671.36	17,671.36	18,035.48	19,866.75	25,645.79	30,065.55	34,616.79	34,616.79	-	
Assumptions :-										
1. The stress scenario is expected to last three months										
2. Advances Through Regular Payment Schedule:- 50% of Repayment scheduled to receive within 3 months delayed and received in 3 to 6 Months bucket										
3. Advances Through Bullet Payment:- 50% of Repayment scheduled to receive within 3 months delayed and received in 3 to 6 Months bucket										
Since, there is no cummulative mismatch of liability over assets, there is no stress on liquidity				Impact of stress on liquidity						
				Loss on delayed receivable		-				
				Loss on sale of assets, if any		-				
				Total cost		-				

Remarks :-The Company maintains a well-diversified portfolio of investments in shares and securities which are saleable at any given point of time. A dedicated team of market experts are monitoring the markets on a continuous basis, which advises the management for timely purchase or sale of securities. The Company is currently having a mix of both short-term and long-term investments. The management ensures to manage it's cash flows and asset liability patterns to ensure that the financial obligations are satisfied in timely manner.