

motilal oswal
<b>Financial Services</b>

Estimate change	1
TP change	1
Rating change	

Bloomberg	NUVAMA IN
Equity Shares (m)	36
M.Cap.(INRb)/(USDb)	250.4 / 2.9
52-Week Range (INR)	7648 / 4120
1, 6, 12 Rel. Per (%)	10/3/28
12M Avg Val (INR M)	957

#### Financials & Valuations (INR b)

Y/E March 2025 2026E 2027E												
	20205	-										
29.0	34.8	40.7										
15.9	19.2	22.2										
13.1	15.6	18.5										
9.9	11.8	14.0										
277	332	393										
64	20	18										
989	1,153	1,348										
54.8	55.2	54.5										
34.0	33.9	34.3										
30.8	31.2	31.6										
53.8	53.9	53.1										
25.2	21.0	17.7										
7.0	6.0	5.2										
2.2	2.6	3.0										
	15.9 13.1 9.9 277 64 989 54.8 34.0 30.8 53.8 25.2 7.0	29.0         34.8           15.9         19.2           13.1         15.6           9.9         11.8           277         332           64         20           989         1,153           54.8         55.2           34.0         33.9           30.8         31.2           53.8         53.9           25.2         21.0           7.0         6.0										

#### Shareholding Pattern (%)

As On	Mar-25	Dec-24	Mar-24
Promoter	54.8	54.9	55.8
DII	5.8	4.7	1.3
FII	16.6	15.5	6.9
Others	22.8	24.9	36.0

FII includes depository receipts

# CMP: INR6,960 TP: INR8,600 (+24%)

**Buy** 

# Robust performance in Private Wealth & capital market segments

- Nuvama Wealth's (NUVAMA) 4QFY25 operating revenue grew 30% YoY to INR7.7b (11% beat), mainly fueled by higher-than-expected revenue from Nuvama Private (20% beat) and its capital market segment (13% beat). However, the AMC revenue declined 23% YoY (27% lower than est.). For FY25, operating revenue grew 41% YoY to INR29b.
- Operating expenses grew 22% YoY to INR4.3b (12% above est.), driven by 22% YoY growth in employee expenses and 20% YoY growth in other opex. The cost-to-income ratio declined YoY to 56.4% in 4QFY25 vs. 60% in 4QFY24 (our est. of 56.1%).
- PAT grew 41% YoY to INR2.6b (15% beat) in 4QFY25. For FY25, PAT rose 65% YoY to INR9.9b.
- In the wealth segment, the focus remains on expanding the MPIS book, which contributes ~70% to overall net new money flows. In the private wealth business, the emphasis is on scaling the ARR book, which currently accounts for ~60% of the segment's revenue.
- We raise our FY26E/27E earnings by 9%/14% as we increase our yield estimates for Nuvama's wealth and custody businesses to factor in the recent strength in performance. We also raise our cost-to-income ratio estimates for the wealth segments as the company continues to invest in capacity creation in both the wealth management segments. We expect an 18%/19% revenue/PAT CAGR for FY25-27. Reiterate BUY with a TP of INR8,600 (premised on 22x FY27E).

# MPIS (Nuvama Wealth) and ARR (Nuvama Private) key growth drivers Nuvama Wealth

- Revenue rose 17% YoY (6% beat) to INR2.15b in 4QFY25, driven by 50% YoY growth in Managed Products and Investment Solutions (MIPS), while the NII grew 9% YoY and brokerage income declined 36% YoY in 4QFY25. The average client assets grew 22% YoY to INR947b.
- It reported a decline of 55% YoY in net new flows, reaching INR6.3b in 4QFY25, with MPIS net new money reaching INR13.6b (down 8% YoY).
- The CIR ratio increased to 69.2% in 4QFY25 from 68.3% in 4QFY24. Adjusting for costs and revenues related to recent capacity hirings, the cost-to-income ratio would have seen an improvement of ~250–300bp.
- Retention declined YoY to 92bp from 94bp in 4QFY24.
- Nuvama Private
- Total revenue surged 24% YoY in 4QFY25 (20% beat) to INR1.8b, primarily driven by a 33% YoY growth in transactional income.
- This growth in transactional revenue was supported by heightened activity in unlisted shares and fixed-income products.
- The average client assets grew by 16% YoY to INR1.98t. The ARR and transactional assets net new flows remained strong at INR19.9b, up 55% YoY in 4QFY25.

Prayesh Jain - Research Analyst (Prayesh.Jain@MotilalOswal.com) | Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com)

Research Analyst: Kartikeya Mohata (Kartikeya.Mohata@MotilalOswal.com) | Muskan Chopra (Muskan.Chopra@motilaloswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.



- The CIR ratio increased to 66.1% in 4QFY25 from 62.5% in 4QFY24. Adjusting for costs and revenues related to recent capacity hirings, the cost-to-income ratio would have seen an improvement of ~250–300bp.
- Revenue from managed products and NII grew 23%/18% YoY, while revenue from advisory declined 14% YoY.
- > Retention declined to 87bp in 4QFY25 from 99bp in 4QFY24.
- Nuvama AMC
- Revenue declined 23% YoY (27% miss) to INR132m in 4QFY25, mainly due to a 25% YoY dip in private markets and a 9% YoY dip in carried interest income.
- The average fee-paying AUM (~92% of total AUM is fee-generating) jumped 89% YoY to INR100.9b, mainly driven by 172% growth in public markets AUM, while the net new money declined 43% YoY in 4QFY25.
- Nuvama Capital Markets
- Total revenue grew 46% YoY (13% beat), with revenue from asset services/ IE&IB growing 85%/16% YoY. Nuvama sustains market share in IE and IB deal pipeline continues to remain strong.
- The average client assets in the asset services segment grew 40% YoY to INR1.2t, driven by 53% YoY growth in assets under custody.
- > The retentions on average assets under clearing improved to 2% vs. 1.3% in 4Q.
- Revenue from wealth management contributed 52% to the revenue mix, followed by Capital Markets and Asset Services (47%), and Asset Management (2%).
- Employee expenses grew 22% YoY to INR3.1b (with fixed costs up 22% YoY mainly due to 350 new RM hirings), while other opex grew 20% YoY to INR1.3b, mainly due to a few one-offs and seasonal events like offsites and the flagship IE event. The CIR for 4QFY25 improved to 56% in 4QFY25 from 60% in 4QFY24.
- Technology-related expenses are projected to remain elevated due to the integration of GEN AI into core systems.

# Highlights from the management commentary

- Under the Private Wealth business, the operations in Dubai are now fully functional and have reached operational break-even. Plans are underway to expand capacity, and the company has received final regulatory approval to commence operations in Singapore.
- Under the institutional business, market share in the IE segment continues to expand. If market conditions remain favorable, this momentum is expected to support a strong pipeline and mandate generation in the IB segment. ~30–35 IPO mandates have already been signed, along with 10–15 advisory mandates.

#### Valuation and view

We raise our FY26E/27E earnings by 9%/14% as we increase our yield estimates for Nuvama's wealth and custody businesses to factor in the recent strength in performance. We also raise our cost-to-income ratio estimates for the wealth segments as the company continues to invest in capacity creation in both the wealth management segments. We expect an 18%/19% revenue/PAT CAGR for FY25-27. **Reiterate BUY with a TP of INR8,600 (premised on 22x FY27E).** 



# **Quarterly Performance**

Quarterly Performance														(INR m)
Y/E March		FY24			FY25				40	Actual				
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	FY24	FY25	FY25E	vs Est. (%)	YoY	QoQ
Revenue from Operations	4,166	4,924	5,581	5,956	6,675	7,397	7,229	7,712	20,627	29,013	6,925	11.4	29.5	6.7
Change YoY (%)	19.2	28.8	38.2	35.5	60.2	50.2	29.5	29.5	30.9	40.7	16.3			
Employee expenses	2,087	2,119	2,342	2,517	2,793	2,983	2,946	3,082	9 <i>,</i> 065	11,804	2,887	6.7	22.4	4.6
Total Operating Expenses	2,924	3,015	3,277	3,575	3,741	3,920	3,894	4,349	12,791	15,904	3,883	12.0	21.6	11.7
Change YoY (%)	8.3	16.1	21.1	25.0	27.9	30.0	18.8	21.6	17.7	24.3	8.6			
PBT before share of profit from associates	1,242	1,909	2,304	<mark>2,3</mark> 81	2,934	3,477	3,335	3,363	7,836	13,109	3,042	10.6	41.3	0.8
Change YoY (%)	56.6	55.7	72.7	55.0	136.2	82.2	44.7	41.3	60.3	67.3	27.8			
Tax Provisions	317	465	545	564	760	902	824	848	1,891	3,334	845	0.3	50.2	2.9
PAT before share of profit from associates	925	1,444	1,759	1,817	2,174	2,575	2,511	2,515	5,945	9,776	2,197	14.5	38.5	0.2
Change YoY (%)	70.2	56.8	68.9	55.7	135.0	78.3	42.8	38.5	61.9	64.4	20.9			
Share of profit of associates(net of taxes)	22	5	3	-10	37	0	6	37	20	80	33	14.0	(474.0)	544.8
Net Profit	947	1,450	1,762	1,807	2,210	2,575	2,517	2,553	5,964	9,855	2,229	14.5	41.3	1.4
Change YoY (%)	73.7	56.5	65.9	57.2	133.5	77.6	42.9	41.3	62.8	65.2	23.4			
Key Operating Parameters (%)														
Cost to Income Ratio	70.2	61.2	58.7	60.0	56.0	53.0	53.9	56.4	62.0	54.8	56.1	32 bps	-363 bps	253 bps
PBT Margin	29.8	38.8	41.3	40.0	44.0	47.0	46.1	43.6	38.0	45.2	43.9	-32 bps	363 bps	-253 bps
PAT Margin	22.7	29.4	31.6	30.3	33.1	34.8	34.8	33.1	28.9	34.0	32.2	91 bps	277 bps	-172 bps

#### **Changes to our estimates**

INR b	New es	timates	Old est	timates	Change in estimates		
Y/E March	2026E	2027E	2026E	2027E	2026E	2027E	
Revenues	34.8	40.7	32.5	37.5	7.1%	8.3%	
Opex	19.2	22.2	18.1	21.3	6.0%	4.0%	
PBT	15.6	18.5	14.4	16.2	8.5%	13.9%	
PAT	11.8	14.0	10.9	12.3	8.4%	13.8%	
EPS (INR)	332	393	306	345	8.5%	13.9%	
EPS Gr. (%)	20	18	14.1	12.8			
BV/Sh. (INR)	1,153	1,348	1,089	1,236			
Ratios (%)							
C/I ratio	55.2	54.5	55.8	56.8	-59 bps	-224 bps	
PAT margin	33.9	34.3	33.4	32.7	43 bps	166 bps	
RoE	31.2	31.6	30.2	29.9	98 bps	173 bps	
Div. Payout	53.9	53.1	58.4	60.5	-455 bps	-734 bps	





# Highlights from the management commentary

### Nuvama Wealth

- Within the wealth business, the focus is anchored on 3–4 key priorities: 1) expanding capacity to ensure scalability, 2) increasing the MPIS book (which now contributes ~70% of overall net new money), 3) continuing investments in technology with a transition towards GEN AI, and 4) strengthening the lending book.
- The lending business has undergone a model restructuring, expected to enhance ROE. The lending book is projected to grow in alignment with the overall business trajectory.
- Reported revenues came in slightly below management's expectations, primarily due to a dip in broking revenue.
- Adjusting for costs and revenues related to recent capacity hirings, the cost-toincome ratio would have seen an improvement of ~250–300bp.
- Management anticipates a reduction of ~100bp in the cost-to-income ratio by FY26.
- Out of the total 1,200+ relationship managers, about 500 have been with Nuvama for less than a year.
- The multi-asset platform, having transitioned out of beta, is now actively utilized by RMs and top-tier clients. Training formats have shifted from traditional classroom models to self-paced models for RMs, which have been very well received.

# Nuvama Private

- Transactional revenue in the private wealth segment has increased, supported by heightened activity in unlisted shares and fixed-income products.
- Within the INR 1.93t of private assets, the corporate treasury book stands at ~INR 100b.
- The private wealth segment is focused on three core areas: 1) building capacity (with a 10% increase in FY25), 2) expanding offshore operations, and 3) growing the annuity revenue (ARR) book.
- Operations in Dubai are now fully functional and have reached operational break-even. Plans are underway to expand capacity, and the company has received final regulatory approval to commence operations in Singapore.
- The intensified focus on the ARR segment has resulted in a 33% increase in closing client assets and a 55% rise in ARR inflows.
- Around 60% of the private wealth revenue is derived from ARR, and with ongoing emphasis, this contribution is expected to grow further.
- Excluding capacity-linked costs and revenues, the cost-to-income ratio would have seen a 250–300bp improvement.
- During the year, 575 families were added, bringing the total to 4,250 families, supported by an RM base of 135.
- By FY26, two additional transactional revenue streams will be introduced, including down-selling of commercial real estate and credit funds.

#### **Asset Management**

- AUM recorded a 62% YoY increase, primarily driven by strong growth in public market assets and the commercial real estate segment.
- Currently, 92% of the total AUM is fee-generating.



- Net inflows for the quarter were modest, reflecting a focus on deploying capital in the commercial real estate funds.
- In the private markets, the emphasis has shifted to deployment, with 3–4 investments made during the quarter.
- A new fund was recently launched in GIFT City.

### **Asset Services**

- The custody business posted a strong performance, growing 80–85%, with further growth anticipated even from this elevated base.
- Assets under custody rose 51% YoY, supported by increased float assets from new clients and higher yields, which are approaching 2%.
- The client base has expanded across both domestic and international segments.
- Domestically, market share grew by 20–22%, while on the international front, earlier uncertainties stemming from F&O regulations have begun to stabilize, resulting in improved float income.
- The pipeline for the international business remains healthy, with increasing client interest.

# **Institutional Business**

- Market share in the Institutional Equities (IE) segment continues to grow, with fixed income maintaining its momentum.
- The segment is expected to benefit from an uptick in IPO activity. A sustained market rally will likely drive a strong pipeline and mandate generation in the Investment Banking (IB) business.
- Around 30–35 IPO mandates have already been signed, with issuance plans contingent on market stability.
- The business will also place greater emphasis on non-ECM services, having secured 10–15 advisory mandates—nearly all from the sell side.

# **Financials**

- Fixed costs increased, largely due to the addition of 350 relationship managers over the past 18 months, primarily in the private segment.
- Operating expenses rose year-on-year, influenced by one-off and seasonal items such as the flagship IE event in Q4 and various offsite activities. Q4 typically incurs higher costs due to these factors, along with some marketing spending, which are expected to continue.
- Technology-related expenses are projected to remain elevated due to the integration of GEN AI into core systems.
- The dividend payout ratio has been maintained at 48–49%.



# **Key exhibits**

#### **Exhibit 1: Trend in overall revenue**

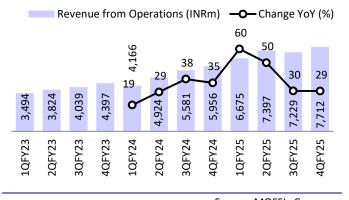


Exhibit 2: Wealth Management contributed 52% to the revenue mix

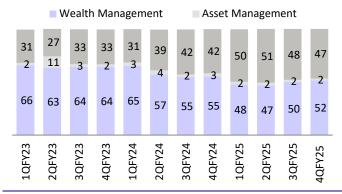


Exhibit 4: Wealth Management AUM (INRt)

Nuvama Wealth

1.3 1.3

3QFY23 4QFY23

1.3

0.5 0.6 0.5

2QFY23

1.2

0.5

1QFY23

Source: MOFSL, Company

2.1 2.1

2.0

4QFY25

19.

4QFY25

Nuvama Private

1.7 1.7

1.5 1.4

0.7

2QFY24

0.6

1QFY24

Exhibit 6: Nuvama Private – Net new money trend

0.7 0.8

3QFY24 4QFY24 1.9

0.9

1QFY25 2QFY25 3QFY25

1.0 1.0 0.9

Source: MOFSL, Company

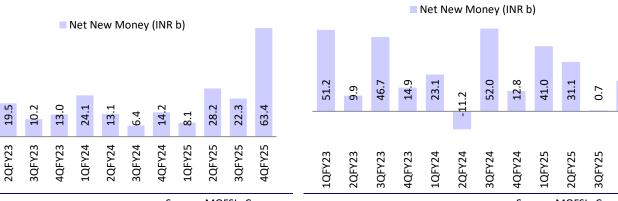
# Source: MOFSL, Company

#### **Exhibit 3: Overall AUM mix**

		We	ealth		Å	Asset		Capital Markets				
	19 2	20 2	19 2	19 2	19 2	23 2	25 2	26 2	28 2	28 2	29 2	29 3
	79	79	79	79	78	75	73	72	70	69	69	68
-	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24	3QFY24	4QFY24	1QFY25	2QFY25	3QFY25	4QFY25

Source: MOFSL, Company

#### Exhibit 5: Nuvama Wealth – Net new money trend



Source: MOFSL, Company

Source: MOFSL, Company

m

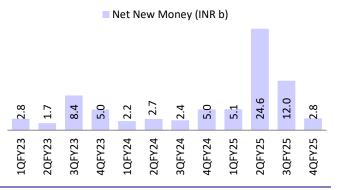
11

1QFY23



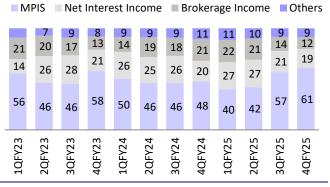
#### Nuvama Wealth

#### Exhibit 7: Nuvama AMC - Net new money trend



Source: MOFSL, Company

#### Exhibit 9: Nuvama Wealth revenue mix (%)



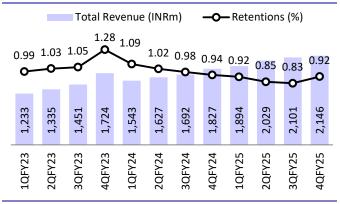
Source: MOFSL, Company

#### Exhibit 11: Nuvama Private revenue mix (INRm)

	Annua	Recu	ırring	Transactional Revenue							
				427		574	673	491	609	712	895
546	5 529	484	435	427	545						
524	\$ 561	659	677	752	636	787	799	818	831	815	935
1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24	3QFY24	4QFY24	1QFY25	2QFY25	3QFY25	4QFY25

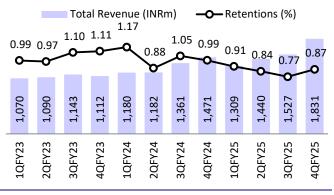
Source: MOFSL, Company





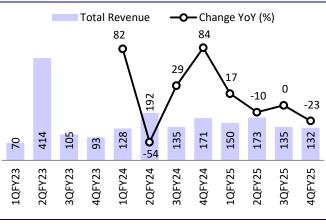
Source: MOFSL, Company

#### Exhibit 10: Nuvama Private revenue trend



Source: MOFSL, Company

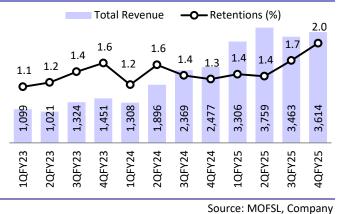
#### Exhibit 12: Nuvama AMC revenue trend



Source: MOFSL, Company

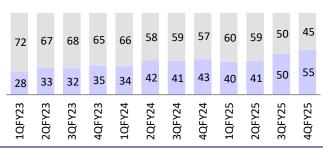


#### Exhibit 13: Nuvama Capital Markets revenue trend



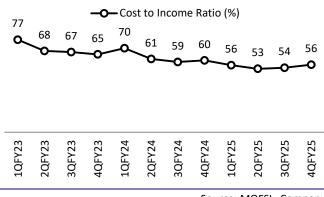
#### Exhibit 14: Nuvama Capital Markets revenue mix (%)

Institutional Equities and Investment Banking Asset Services

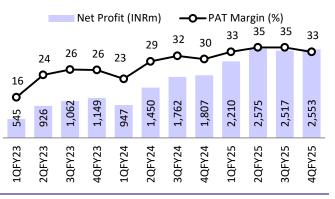


Source: MOFSL, Company

#### Exhibit 15: Cost-to-income ratio trend

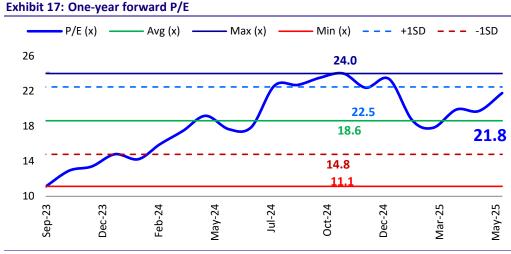


#### Exhibit 16: PAT trend



Source: MOFSL, Company

Source: MOFSL, Company



Source: MOFSL, Company



# **Financials and valuations**

Income Statement							(INR m)
Y/E March	2021	2022	2023	2024	2025	2026E	2027E
Nuvama Wealth	2,746	4,089	5,744	6,688	8,169	9,620	11,276
Nuvama Private	2,097	3,415	4,415	5,193	6,107	7,340	8,737
Asset Management	3	196	682	626	591	890	1,249
Capital Markets	5,030	5,594	4,894	8,050	14,142	16,984	19,397
Total Income	9,979	13,218	15,754	20,627	29,013	34,835	40,660
Change (%)		32.5	19.2	30.9	40.7	20.1	16.7
Employee expenses	4,725	6,404	7,586	9,065	11,804	14,227	16,187
Operating Profit	5,255	6,814	8,168	11,563	17,209	20,608	24,473
Depreciation	501	713	886	1,364	944	991	1,040
Other Operating cost	2,080	2,181	2,393	2,362	3,156	4,008	4,946
PBT before share from associates	2,674	3,920	4,889	7,836	13,109	15,609	18,486
Change (%)		46.6	24.7	60.3	67.3	19.1	18.4
Tax	668	1,011	1,217	1,892	3,332	3,902	4,622
Tax Rate (%)	25.0	25.8	24.9	24.1	25.4	25.0	25.0
PAT before share from associates	2,005	2,909	3,673	5,944	9,777	11,707	13,865
Share from associates (net of taxes)	-9	10	10	21	74	90	90
Consolidated PAT	1,996	2,919	3,682	5,965	9,851	11,797	13,955
Change (%)		46.3	26.1	62.0	65.1	19.8	18.3
Dividend					5,296	6,355	7,414
Balance Sheet							(INR m)
Y/E March	2021	2022	2023	2024	2025	2026E	2027E
Family Change Camital	170	470	254	252	252	252	252

Y/E Warch	2021	2022	2023	2024	2025	20265	2027E
Equity Share Capital	172	172	351	353	353	353	353
Reserves & Surplus	15,923	18,957	22,237	28,635	34,571	40,366	47,260
Net Worth	16,095	19,128	22,588	28,988	34,925	40,720	47,613
Borrowings	14,116	35,336	53,980	67,457	78,388	87,795	98,330
Other Liabilities	44,301	51,518	50,589	1,07,424	1,70,557	2,22,216	2,89,619
Total Liabilities	74,512	1,05,983	1,27,157	2,03,869	2,83,870	3,50,731	4,35,562
Cash and Investments	45,783	47,196	54,975	1,27,835	2,04,562	2,54,214	3,16,921
Change (%)		3.1	16.5	132.5	60.0	24.3	24.7
Loans	14,833	29,531	35,533	48,629	46,003	59,804	77,746
Change (%)		99.1	20.3	36.9	-5.4	30.0	30.0
Net Fixed Assets	1,260	1,632	2,290	2,192	2,214	2,170	2,127
Current Assets	12,636	27,624	34,358	25,212	31,091	34,542	38,769
Total Assets	74,512	1,05,983	1,27,157	2,03,869	2,83,870	3,50,731	4,35,562

E: MOSL Estimates

Average Client Assets - By Segment (INR b)	2021	2022	2023	2024	2025	2026E	2027E
Wealth Management	937	1301	1562	1963	2637	3119	3678
Nuvama Wealth	245	435	528	666	932	1,119	1,342
Nuvama Private - excl. held away assets	693	866	1,034	1,297	1,705	2,001	2,336
Asset Management	NA	20	36	47	78	111	156



# **Financials and valuations**

			-		
Cas	hfl	ow	Stat	em	ent

Cashflow Statement							(INR m)
Y/E March		2022	2023	2024	2025	2026E	2027E
PAT		2,919	3,682	5,965	9,851	11,797	13,955
Change in Accumulated Depreciation		713	886	1,364	944	991	1,040
Change in Reserves		114	-223	435	1,381	353	353
Change in Working Capital		-7,621	-7,596	65,963	57,420	48,265	63,177
Cashflow from Operation		-3,874	-3,251	73,727	69,596	61,406	78,525
Change in Investments		-15,153	-6,997	-13,102	2,121	-14,022	-18,184
Change in Loans		21,220	18,644	13,477	10,931	9,407	10,535
Change in Fixed Asset		-1,235	-1,611	-1,249	-1,189	-947	-997
Cashflow from Investing		4,832	10,035	-874	11,864	-5,562	-8,646
Dividend Expense		0	0	0	-5,296	-6,355	-7,414
Cashflow from Financing		0	0	0	-5,296	-6,355	-7,414
Net Cashflow		958	6,784	72,854	76,164	49,490	62,465
Opening Cash		45,536	46,494	53,278	1,26,133	2,02,354	2,51,786
Closing Cash		46,494	53,278	1,26,132	2,02,297	2,51,844	3,14,250
E: MOSL Estimates							
Ratios							(%)
Y/E March	2021	2022	2023	2024	2025	2026E	2027E
As a percentage of Revenues							
Nuvama Wealth	28	31	36	32	28	28	28
Nuvama Private	21	26	28	25	21	21	21
Asset Management	0	1	4	3	2	3	3
Capital Markets	50	42	31	39	49	49	48
Total cost	73.2	70.3	69.0	62.0	54.8	55.2	54.5
Employee Cost	47.3	48.4	48.2	43.9	40.7	40.8	39.8
Opex (ex emp) Cost	25.9	21.9	20.8	18.1	14.1	14.3	14.7
PBT margin	26.8	29.7	31.0	38.0	45.2	44.8	45.5
PAT margin	20.0	22.1	23.4	28.9	34.0	33.9	34.3
Profitability Ratios (%)							
RoE	12.4	15.3	16.3	23.1	30.8	31.2	31.6
Dividend Payout Ratio					53.8	53.9	53.1
Valuations	2021	2022	2023	2024	2025	2026E	2027E
BVPS (INR)	456	542	640	821	989	1,153	1,348
Change (%)		18.8	18.1	28.3	20.5	16.6	16.9
Price-BV (x)	15.2	12.8	10.8	8.5	7.0	6.0	5.1
EPS (INR)	56.8	82.4	104.0	168.3	276.9	331.6	392.7
Change (%)		45.1	26.2	61.8	64.5	19.7	18.4
Price-Earnings (x)	122.2	84.2	66.7	41.2	25.1	20.9	17.7
DPS (INR)					150.0	180.0	210.0
Dividend Yield (%)					2.2	2.6	3.0
E: MOSL Estimates					-		

Investment in securities market are subject to market risks. Read all the related documents carefully before investing



Disclosures

Explanation of Investment Rating				
Investment Rating	Expected return (over 12-month)			
BUY	>=15%			
SELL	< - 10%			
NEUTRAL	< - 10 % to 15%			
UNDER REVIEW	Rating may undergo a change			
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation			

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%200f%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other companyation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views. Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions. For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong. For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Becurities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL . In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com Contact: (+65) 8328 0276

Specific Disclosures

 Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes. Nature of Financial interest is holding equity shares or derivatives of the subject company

MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report:No

- 3. Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
- MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- 4. Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
- MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- 5. Research Analyst has not served as an officer, director or employee of subject company(ies).

Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately
preceding the date of publication of Research Report.



- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months. 7.
- 8. MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
- q MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- 10

MOFSL may have received compensation of ourse contents in the subject company. MOFSL has not engaged in market making activity for the subject company.

#### The associates of MOFSL may have:

financial interest in the subject company

actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.

received compensation/other benefits from the subject company in the past 12 months

any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

acted as a manager or co-manager of public offering of securities of the subject company in past 12 months

be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)

received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report. Terms & Conditions

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report. Disclaimer

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263;

www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

#### Grievance Redressal Cell

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015: Research Analyst:

INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.