

# **Shriram Finance**

1

SHFL IN
227
485.8 / 5.9
1509 / 1003
-3/-7/1
1332

#### Financials & Valuations (INR b)

	•	•	
Y/E March	FY23E	FY24E	FY25E
Total Income	174	198	223
PPOP	126	145	165
PAT	66.0	73.3	83.8
EPS (INR)	176	196	224
EPS Gr. (%)	57	11	14
Standalone BV (INR)	1,170	1,327	1,509
Ratios			
NIM on AUM (%)	9.3	9.1	9.0
C/I ratio (%)	27.5	26.8	26.1
RoAA (%)	3.4	3.3	3.3
RoE (%)	16.8	15.7	15.8
Div. Payout (%)	19.9	20.5	20.1
Valuations			
P/E (x)	7.4	6.6	5.8
P/BV (x)	1.1	1.0	0.9
Div. Yield (%)	2.7	3.1	3.5

## Shareholding pattern (%)

As On	Dec-22	Sep-22	Dec-21
Promoter	25.3	29.4	26.1
DII	11.1	14.5	15.2
FII	42.9	50.6	53.2
Others	20.7	5.5	5.6

FII Includes depository receipts

# CMP: INR1,298 TP: INR1,700 (+31%) Buy

# Merged entity on an even stronger footing

## PAT beat driven by margin expansion and lower opex

- Shriram Finance ('SHFL') PAT grew 14% QoQ to ~INR17.8b in 3QFY23, driven by margin expansion and lower opex. Adjusted PAT grew 18% QoQ.
- NII grew 8% QoQ to INR40.6b (7% beat; in-line, if adjusted for the impact of merger accounting). Reported NIM expanded ~25bp QoQ to 8.5%.
- Other operating income grew 7% QoQ, led mainly by fees and commission income. Opex was flat sequentially with cost-income ratio at 26.6%.
- SHFL's customer and product proposition positions it to operate in a benign competitive landscape, and gives it the pricing power to pass on its higher cost of borrowings to customers in new loans disbursed. We estimate margin compression of ~15bp YoY in FY24 to offset the impact of fair valuation under merger accounting.
- We model an AUM CAGR of 14% over FY23-25, led by 12% CAGR in disbursements over the same period. We estimate ~13% PAT CAGR over FY23-25, resulting in an RoA/RoE of ~3.3%/16%, respectively, over FY25.
- Concerns around potential exits by investors (such as PIEL, Apax, and TPG) still remain an overhang on the stock. We believe the merged entity will emerge stronger than the respective standalone businesses, driven by better ability to cross-sell and due to the benefits on the liability side. We reiterate our BUY rating with a TP of INR1,700 (based on 1.2x Sep'24E BVPS).

# Healthy disbursements drive 13% YoY AUM growth

- Operationally, the company clocked a healthy quarter with: 1) 26% YoY growth in disbursements to INR292.5b, and 2) AUM growth of 5% QoQ and 13% YoY to INR1.77t.
- The AUM mix was largely stable, with CVs/PVs/CE/MSME forming 51%/18%/8%/10% of the AUM mix, respectively.
- CAR was healthy at ~23%, of which, Tier I stood at ~21.4%

## Asset quality stable sequentially

- GS3/NS3 was largely stable sequentially at 6.3%/3.2%. PCR on stage 3 loans improved 165bp QoQ to ~51%.
- Annualized credit costs declined ~10bp QoQ to 2.1% (PQ: 2.2%).
- SHFL utilized additional COVID provisions of ~INR900m in 3QFY23.
  Aggregate COVID provisions stood at INR16.5b (~95bp of EAD).
  Restructured pool outstanding stood at INR8.7b (0.5% of AUM). ~9.1% of this restructured pool is in the 90dpd+ bucket.

### Key highlights from the management commentary

- The management guided for an AUM CAGR of 15% and steady-rate cost-income ratio of 24-25%.
- The company stated that the goodwill which accreted post-merger will be tested for impairment by an independent valuation expert. However, the management expects that there will not be any impairment for the next two years.

Abhijit Tibrewal - Research Analyst (Abhijit.Tibrewal@MotilalOswal.com)

Research Analyst: Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com); Parth Desai (Parth.Desai@MotilalOswal.com)

Guided that the cost of borrowings (CoB) should not increase in 4QFY23 since the incremental CoB is lower than the portfolio cost of borrowings. SHFL is borrowing at 8.5%-8.6% and the CoB can only decline. The management expects 25-30bp benefit from the repricing of the SCUF liabilities.

### **Valuation and View**

- SHTF's operational performance has been strong, as evidenced by the healthy growth in disbursements, which translated into a YoY AUM growth of ~13%.
- Asset quality was stable, with GS3 at pre-COVID levels of ~6.3%. It maintained a healthy (51%) PCR on its Stage 3 loans and delivered a NS3 of sub-4%.
- Technical reasons (of a potential supply overhang after the merger) aside, the merged entity is expected to emerge stronger than the respective standalone businesses. We reiterate our Buy rating with a TP of INR17 (based on 1.2x Sep'24E BVPS).

<b>Quarterly Performance</b>												(INR M)
Y/E March	FY22			FY23E				FY22	FY23E	3QFY23E	v/s Est.	
	1Q	2Q		4Q	1Q	2Q	3Q	4QE		11236	JQI 123L	V/3 L3t.
Interest Income	59,332	60,931	46,607	65,847	66,841	70,024	71,740	74,065	2,48,605	2,82,670	72,924	-2
Interest Expenses	30,727	30,510	23,973	30,973	29,444	32,249	31,120	31,954	1,22,668	1,24,766	35,058	-11
Net Interest Income	28,605	30,421	22,634	34,874	37,397	37,775	40,620	42,112	1,25,936	1,57,904	37,866	7
YoY Growth (%)					30.7	24.2	79.5	20.8	9.4	25.4	18.2	
Other Income	2,139	1,940	1,717	2,522	3,195	4,162	4,383	4,416	9,441	16,156	3,325	
Total Income	30,744	32,360	24,351	37,396	40,592	41,937	45,003	46,528	1,35,378	1,74,060	41,192	2
YoY Growth (%)					32.0	29.6	84.8	24.4	12.9	28.6	18.1	
Operating Expenses	8,308	9,397	5,275	10,352	10,916	11,999	11,987	12,943	37,805	47,845	13,029	-8
Operating Profit	22,436	22,963	19,076	27,044	29,676	29,938	33,016	33,584	97,573	1,26,215	28,163	6
YoY Growth (%)					32.3	30.4	73.1	24.2	13.0	29.4	12.1	
Provisions & Loan Losses	17,297	8,791	9,843	9,370	11,597	8,976	9,173	7,242	47,485	36,988	8,200	9
Profit before Tax	5,139	14,172	9,233	17,674	18,079	20,962	23,844	26,342	50,088	89,227	19,963	5
Tax Provisions	1,360	3,637	2,427	3,792	4,690	5,411	6,074	7,024	12,164	23,199	5,031	8
Net Profit	3,779	10,535	6,806	13,882	13,390	15,551	17,770	19,318	37,925	66,028	14,932	4
YoY Growth (%)	•		·		254.3	47.6	161.1	39.2	8.4	74.1	53.4	
Key Parameters (Calc., %)												
Yield on loans		16.2	12.1	16.7	16.7	16.9	16.5	16.4				
Cost of funds		9.2	6.9	8.6	7.9	8.3	8.0	8.2				
Spread		7.0	5.2	8.1	8.8	8.5	8.6	8.2				
NIM		8.1	5.9	8.9	9.3	9.1	9.4	9.3				
C/I ratio		29.0	21.7	27.7	26.9	28.6	26.6	27.8				
Credit cost		2.3	2.5	2.4	2.9	2.2	2.1	1.6				
Tax rate		25.7	26.3	21.5	25.9	25.8	25.5	26.7				
<b>Balance Sheet Parameters</b>												
Disbursements (INR b)	173	213	231	245	246	258	292	307				
Growth (%)					42.3	21.1	26.5	25.3				
AUM (INR b)	1,489	1,521	1,568	1,577	1,630	1,694	1,775	1,834				
Growth (%)					9.4	11.4	13	16.3				
Borrowings (INR b)	1,315	1,351	1,424	1,451	1,521	1,582	1,533	1,577				
Growth (%)					15.7	17.1	7.7	8.7				
Asset Quality Parameters												
GS 3 (INR B)	117.0	115.2	103.6	88.9	101.3	105.8	110.6					
GS 3 (%)	7.9	7.6	8.4	7.1	6.3	6.3	6.3					
NS 3 (INR B)	63.8	58.7	51.5	44.5	52.1	53.9	54.5					
NS 3 (%)	4.7	4.2	4.5	3.8	3.4	3.4	3.3					
PCR (%)	45.5	49.0	50.3	50.0	48.6	49.1	50.7					

E: MOFSL estimates



# Highlights from the management commentary

## **Macro Outlook**

- The management expects one more modest rate hike or none at all because of modest inflation print.
- Government spend on infrastructure is expected to continue; constructionrelated activities is expected to continue to grow
- Private Capital is not coming in as expected; recent economic survey suggests
   that private capital is expected to come in a reasonable way in this financial year

#### Liabilities

- 3QFY23 CoF stood at 8.77%, up 6bp QoQ; the management does not expect an increase in CoB in 4QFY23, since the company is already borrowing at a high rate of 8.5%-8.6% and the CoB can only come down. The company repaid some high-cost debt around end-Oct'22. Incremental CoB is lower than the portfolio cost of borrowings. All the earlier bank borrowings (before the repo rate increase) stood at 8.0-8.25%.
- Expects to increase the proportion of securitization and NCD/ECB going ahead.
   Liability mix might change with more securitization to come in the subsequent quarters.
- Leverage declined to 3.63x from 3.9x.
- The management expects 25-30bp benefit from the repricing of the SCUF liabilities.
- Earlier the company used to keep three months of liability repayments as the liquidity buffer; the company is at around five months now and will continue to maintain INR170b of liquidity till the March quarter.

### Guidance

- Guided for credit costs of ~2%.
- Guided for an AUM CAGR of 15%.
- Guided for steady-rate cost-income ratio of 24-25% and RoA/RoE of 3% and 16%-18%.

## **Merger Accounting**

- Intangibles will be tested for impairment at the end of every year and it will come only after a couple of years. Goodwill is not tax deductible but intangibles are tax deductible.
- The company did a fair valuation of the loans and the liabilities and ~INR10b is the fair value impact that it has taken on the balance sheet. This will be a positive impact spread over the next six-seven quarters.
- Net worth reconciliation: INR28b difference on account of the goodwill and intangibles; INR13b was the goodwill and INR15b was the intangibles. Charge to the P&L will happen only after a couple of years.
- Goodwill be tested for impairment by an independent valuer; management does not expect any impairment for the next two years.

## **Operating Expenses**

- There was a one-off expense of INR650m in 2QFY23 because of write-off, driven by some amnesty schemes offered by various state governments.
- Expenses related to the merger stood at INR190m and it can be deferred over five years.

The company does not expect to pay the Stamp duty with respect to this merger.

# **Merger Synergies**

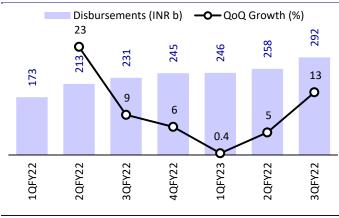
- SCUF businesses were mostly in the Southern and Western part of the country. With STFC branches, it will be able to take SCUF products to other geographies.
- Shriram finance leads in CV and 2W segments; in the merged entity, SME focus will increase because SME business, which was being done only in the Southern part of India will now be taken to other parts of India.

## **Asset Quality**

- COVID provisions have been allocated to the respective contracts. Expects the COVID provisions to either be charged or written-back by Mar'24.
- LGD stood at 42.4% [for the merged entity].

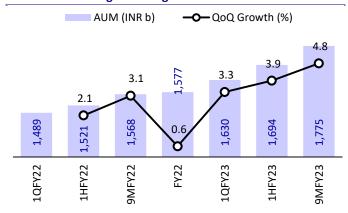
# **Key exhibits**

Exhibit 1: Disbursements grew 26% YoY...



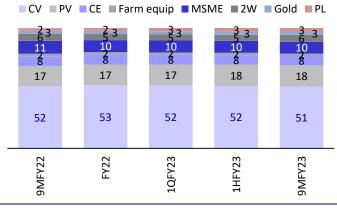
Source: MOFSL, Company

Exhibit 2: ...leading to AUM growth of 13% YoY



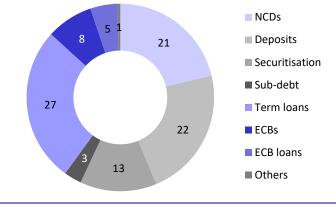
Source: MOFSL, Company

Exhibit 3: CVs form 51% of the AUM mix (%)



Source: MOFSL, Company

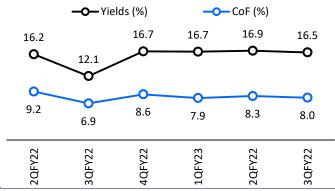
**Exhibit 4: Borrowing mix (%)** 



Source: MOFSL, Company

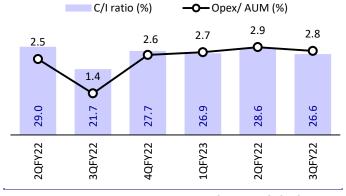
1 February 2023

Exhibit 5: CoF declined ~30bp sequentially...



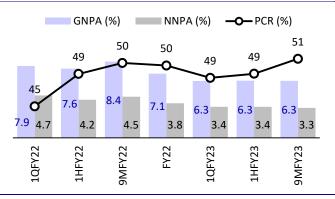
Source: MOFSL, Company

Exhibit 7: Merger synergies led to improvement in cost ratio



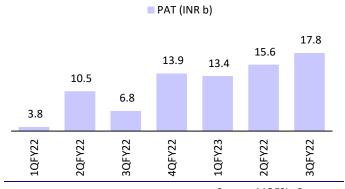
Source: MOFSL, Company

Exhibit 9: Asset quality was stable sequentially



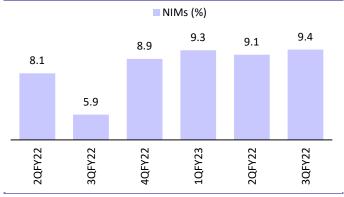
Source: MOFSL, Company

Exhibit 11: Significant PAT growth, driven by improvement in margins, lower opex, and benefits from merger accounting



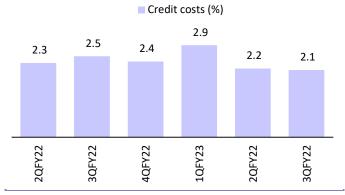
Source: MOFSL, Company

**Exhibit 6: ...driving expansion in margins** 



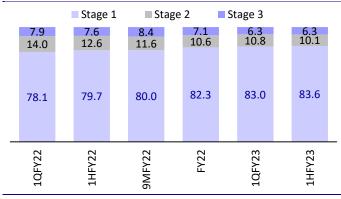
Source: MOFSL, Company

Exhibit 8: Credit costs moderated by ~10bp QoQ



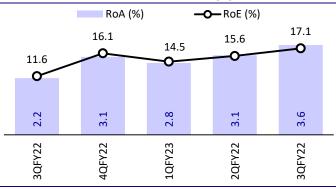
Source: MOFSL, Company

Exhibit 10: Gradual decline in Stage 3 assets (%)



Source: MOFSL, Company

Exhibit 12: 3QFY23 RoE stood at ~17% (%)



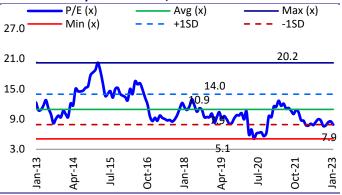
Source: MOFSL, Company, Reported

5 1 February 2023





Exhibit 2: One-year forward P/E



Source: MOSL, Company

# **Financials and valuations**

Income Statement (Standalone)							(INR M)
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Interest Income	2,10,407	2,19,646	2,26,997	2,48,605	2,82,670	3,28,240	3,75,099
Interest Expenses	94,975	1,04,105	1,11,881	1,22,668	1,24,766	1,48,801	1,72,975
Net Interest Income	1,15,432	1,15,541	1,15,116	1,25,936	1,57,904	1,79,438	2,02,125
Change (%)	12.7	0.1	-0.4	9.4	25.4	13.6	12.6
Other Operating Income	2,605	4,748	4,514	9,214	15,941	18,332	20,532
Other Income	258	235	237	227	216	226	238
Total Income	1,18,295	1,20,524	1,19,867	1,35,378	1,74,060	1,97,997	2,22,894
Change (%)	11.3	1.9	-0.5	12.9	28.6	13.8	12.6
Total Operating Expenses	33,666	35,803	33,500	37,805	47,845	53,113	58,194
Change (%)	12.6	6.3	-6.4	12.8	26.6	11.0	9.6
Employee Expenses	17,210	18,585	16,699	19,695	24,815	28,289	31,684
Depreciation	742	2,232	2,172	2,137	2,266	2,379	2,498
Other Operating Expenses	15,715	14,986	14,629	15,973	20,765	22,426	23,996
Operating Profit	84,629	84,721	86,367	97,573	1,26,215	1,44,884	1,64,700
Change (%)	10.8	0.1	1.9	13.0	29.4	14.8	13.7
Total Provisions	31,643	36,786	39,693	47,485	36,988	46,101	51,774
% Loan loss provisions to Avg loans	2.6	2.9	3.0	3.4	2.3	2.5	2.5
PBT	52,986	47,935	46,674	50,088	89,227	98,783	1,12,926
Tax Provisions	17,457	12,913	11,692	12,164	23,199	25,486	29,135
Tax Rate (%)	32.9	26.9	25.1	24.3	26.0	25.8	25.8
PAT	35,529	35,022	34,982	37,925	66,028	73,297	83,791
Change (%)	12.0	-1.4	-0.1	8.4	74.1	11.0	14.3
Balance Sheet							(INR M)
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Equity Share Capital	2,929	2,929	3,191	3,371	3,744	3,744	3,744
Reserves & Surplus	2,17,432	2,47,288	2,91,764	3,43,760	4,34,159	4,93,226	5,61,279
Net Worth	2,20,361	2,50,217	2,94,954	3,47,132	4,37,904	4,96,971	5,65,024
Borrowings	11,04,851	11,75,376	13,17,617	14,51,285	15,77,017	18,24,155	20,84,876
Change (%)	6.7	6.4	12.1	10.1	8.7	15.7	14.3
Other liabilities	21,865	25,436	26,317	23,320	27,284	30,013	33,014
Total Liabilities	13,47,077	14,51,029	16,38,888	18,21,754	20,42,205	23,51,139	26,82,913
Cash and bank balances	52,657	1,03,773	2,16,562	2,29,679	1,65,949	1,98,281	2,37,643
Investments	48,653	35,326	42,152	86,455	94,236	93,011	94,871
Loans	12,37,406	12,88,442	13,57,232	14,76,890	17,11,712	19,76,375	22,50,099
Change (%)	6.2	4.1	5.3	8.8	15.9	15.5	13.8
Fixed Assets	2,283	7,181	6,599	6,467	6,791	7,130	7,487
Deferred tax Assets	1,241	694	6,964	9,109	10,019	11,021	12,124
Goodwill					14,086	14,086	14,086
Other Assets	4,838	15,613	9,379	13,137	39,411	51,234	66,604
Total Assets	13,47,077	14,51,029	16,38,888	18,21,737	20,42,205	23,51,139	26,82,913

E: MOFSL Estimates; Note: For FY19-FY22, we have presented pro-forma merged financials of SHTF and SCUF

# **Financials and valuations**

AUM Mix (%)							
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
AUM	13,40,643	13,88,342	14,68,128	15,77,122	18,33,740	21,08,850	23,96,409
Change (%)	8.3	3.6	5.7	7.4	16.3	15.0	13.6
Disbursements	7,28,076	7,05,733	5,21,985	8,62,135	11,03,533	12,46,992	13,84,161
Change (%)	-5.0	-3.1	-26.0	65.2	28.0	13.0	11.0
Ratios							
Y/E March	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Spreads Analysis (%)							
Avg. Yield on Loans	17.5	17.4	17.2	17.5	17.7	17.8	17.8
Avg Cost of Funds	8.9	9.1	9.0	8.9	8.2	8.8	8.9
Spread of loans	8.6	8.3	8.2	8.7	9.5	9.1	8.9
NIM (on loans)	9.6	9.1	8.7	8.9	9.9	9.7	9.6
NIM (on AUM)	9.0	8.5	8.1	8.3	9.3	9.1	9.0
C/I ratio	28.5	29.7	27.9	27.9	27.5	26.8	26.1
Profitability Ratios (%)							
RoE	17.3	14.9	12.8	11.8	16.8	15.7	15.8
RoA	2.7	2.5	2.3	2.2	3.4	3.3	3.3
Int. Expended / Int.Earned	45.1	47.4	49.3	49.3	44.1	45.3	46.1
Other Inc. / Net Income	2.4	4.1	4.0	7.0	9.3	9.4	9.3
Efficiency Ratios (%)							
Op. Exps. / Net Income	28.5	29.7	27.9	27.9	27.5	26.8	26.1
Empl. Cost/Op. Exps.	51.1	51.9	49.8	52.1	51.9	53.3	54.4
Asset-Liability Profile (%)							
Loans/Borrowings Ratio	1.1	1.1	1.0	1.0	1.1	1.1	1.1
Assets/Equity	6.1	5.8	5.6	5.2	4.7	4.7	4.7
Asset quality (%)							
GNPA	1,11,930	1,14,400	1,01,688	1,09,762	1,15,195	1,20,581	1,26,713
NNPA	65,678	66,256	51,523	49,731	54,142	60,291	63,356
GNPA ratio	8.5	8.3	6.9	7.1	6.4	5.9	5.5
NNPA ratio	5.0	4.8	3.5	3.2	3.0	3.0	2.7
PCR	41.3	42.1	49.3	54.7	53.0	50.0	50.0
Credit Costs (% of loans)	2.6	2.9	3.0	3.4	2.3	2.5	2.5
c. care costs (/c or isans)			0.0	<b>3.</b> .			
Valuations	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Book Value (INR)	752	854	924	1,030	1,170	1,327	1,509
BV Growth (%)	16	14	8	11	14	13	14
P/BV	1.7	1.5	1.4	1.3	1.1	1.0	0.9
EPS (INR)	121	120	110	112	176	196	224
EPS Growth (%)	12.0	-1.4	-8.3	2.6	56.8	11.0	14.3
P/E	10.7	10.9	11.8	11.5	7.4	6.6	5.8
DPS	14.3	5.2	21.1	23.4	35.0	40.0	44.9
Dividend Yield (%)	1.10	0.40	1.63	1.80	2.7	3.1	3.5

E: MOFSL Estimates; Note: For FY19-FY22, we have presented pro-forma merged financials of SHTF and SCUF

9

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 Motilal Oswal Financial Services Limited are available http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%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 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) 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 <a href="www.nseindia.com">www.nseindia.com</a>, www.nseindia.com</a>. 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.

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.

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 and will be engaged in only with 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. Securities 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 brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

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.

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

### Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company. MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- 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 in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

1 February 2023

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.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022-3980 4263; <a href="https://www.motilaloswal.com">www.motilaloswal.com</a>. 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: <a href="mailto:na@motilaloswal.com">na@motilaloswal.com</a>, Contact No::022-71881085.

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL: IN-DP-16-2015; NSDL: IN-DP-NSDL-152-2000; 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.