Buy



# **One 97 Communications**

BSE SENSEX S&P CNX

64,719 19,189

Motilal Oswal values your support in the Asiamoney Brokers Poll 2023 for India Research, Sales, Corporate Access and Trading team. We request your ballot.





### Stock Info

Bloomberg	PAYTM IN
Equity Shares (m)	649
M.Cap.(INRb)/(USDb)	550.5 / 6.7
52-Week Range (INR)	915 / 440
1, 6, 12 Rel. Per (%)	21/58/7
12M Avg Val (INR M)	3265

### Financials Snapshot (INR b)

Y/E Mar	FY23	FY24E	FY25E
Revenue	79.9	113.0	149.7
Cont. Profit	39.0	62.3	84.2
Adj. EBITDA	(1.8)	10.6	19.5
EBITDA	(16.3)	(4.0)	8.8
PAT	(17.8)	(7.6)	2.6
EPS (INR)	(28.0)	(11.8)	3.9
EPS Gr. (%)	(24.1)	(57.9)	NM
Ratios (%)			
Cont. Margin	48.8	55.1	56.2
EBITDA Margin *	(2.2)	9.4	13.0
EBITDA Margin	(20.4)	(3.5)	5.9
ROE (%)	(13.1)	(5.8)	2.0
ROA (%)	(9.9)	(4.3)	1.5
Valuations			
P/E(X)	(30.9)	(73.4)	NM
P/BV (X)	4.2	4.3	4.3
P/Sales (X)	6.9	4.9	3.8
* Adi.		-	

### Shareholding pattern (%)

Shareholanig pattern (70)						
As On	Mar-23	Dec-22	Mar-22			
Promoter	0.0	0.0	0.0			
DII	63.5	68.0	1.1			
FII	11.6	6.7	4.4			
Others	25.0	25.3	94.5			

FII Includes depository receipts

Raising GMV & Disbursement projections by 4-21%

**CMP: INR868** 

### On track to achieve EBITDA breakeven in 2HFY25; reiterate Buy

Paytm's stock has delivered healthy returns of 34%, since we initiated coverage in Apr'23. The lending business has demonstrated robust traction in loan disbursals with the total number of loans disbursed surging 4.6x YoY in FY23 (4.4x in FY22).

TP: INR1,050 (+21%)

- Business momentum remains robust with gross merchandise value (GMV) growing 35% YoY to INR2.65t during Apr-May'23 (55% YoY growth in FY23).
- The company maintains quarterly merchant addition run-rate of 1m+ with the total number of devices deployed surging to 7.5m in May'23 (118% YoY growth). The sustained growth in the deployment of devices will enable robust transaction volumes and drive healthy growth in merchant and consumer loans.
- We note that from an annualized 1QFY23 run-rate of INR222b value of loans, the company has reached an annualized run-rate of ~INR600b in Apr-May'23, and the same is tracking higher than our estimates. Merchant loans also improved in May'23 after a drag in Apr'23, due to technology system upgrade at one of the leading partners.
- We believe that after reporting adjusted EBITDA breakeven in 3QFY23, almost a year ahead of its guidance, Paytm is on track to report EBITDA breakeven in 2HFY25. We raise our FY25E GMV and Disbursement estimates by 5% and 21%, respectively, and estimate the mix of Financial revenue to increase to 32% by FY25 from 19% in FY23.
- We estimate adjusted EBITDA, EBITDA, and Contribution margin of 13%, 5.9%, and ~56% by FY25. We thus revise our TP to INR1,050, based on a FY28E EV/EBITDA multiple of 16x (implied 4.7x FY25E P/Sales). We reiterate our BUY rating on the stock.

Payment business posting healthy growth; 1m devices added quarterly

Paytm has reported a healthy 55% CAGR in its GMV over FY19-23. GMV remained strong in FY24 as well and grew to INR2.65t (+35% YoY) in the two-month ended May'23. With the increasing use cases, growing merchant and consumer base, and rising penetration, we expect GMV to report a healthy 32% CAGR over FY23-25. Paytm also posted a steady growth in MTUs to ~92m for Apr'23-May'23, while the number of subscription payment devices rose to 7.5m during the same period. As the penetration among merchants remains low, we expect the traction to sustain with a quarterly addition of ~1.0m devices. We forecast the payment revenue to thus clock a healthy 26% CAGR over FY23-25.

### Financial revenue to grow exponentially; mix to improve to 32% by FY25

The profitability of Paytm's core payment business is further enhanced by its financial services division, which benefits from inherently higher contribution margin. The mix of financial services revenue has increased to 19% in FY23 from only 4% in FY19. With faster growth in GMV, merchant acquisition and cross-sell rate, we estimate Paytm's financial revenue to record 75% CAGR over FY23-25 with the mix reaching ~32% by FY25.

Nitin Aggarwal - Research Analyst (Nitin.Aggarwal@MotilalOswal.com)

Disha Singhal - Research Analyst (Disha.Singhal@MotilalOswal.com)

### Disbursements to surpass INR1t in FY25E; estimate 80% CAGR over FY23-25

Paytm's lending business has demonstrated a robust traction in loan disbursals with the total number of loans disbursed surging 4.6x YoY in FY23 (4.4x in FY22). We note that the total number of unique borrowers (who have taken a loan through Paytm) increased 1.4m QoQ to 9.5m in 4QFY23. Financial penetration for Paytm remains lower at 0.9-5.9% of MTU, and thus, there remains significant headroom for growth, given the large customer and merchant bases. We note that from an annualized 1QFY23 run-rate of INR222b value of loans, the company has reached an annualized run-rate of ~INR600b in Apr-May'23. Merchant loans also improved in May'23 after a drag in Apr'23, due to technology system upgrade at one of the leading partners. Paytm is looking to add more lending partners in FY24, which will help absorb the flow that it is capable of originating via its platform. We forecast disbursements to register a CAGR of 80% over FY23-25, thus reaching INR1.1t in FY25E.

### Operating leverage to aid profitability; contribution margin to expand to 56%

Paytm has seen moderation in payment processing charges, marketing activities, and promotional expenses over the recent years. Hence, direct expenses have moderated to ~51% of revenue in FY23 from 162% in FY19. Similarly, indirect expenses have moderated to ~51% of revenue from 69% in FY19. While Paytm will continue to invest in growth and merchant base expansion, the improvement in operating leverage will nevertheless aid profitability. The company has reported a healthy expansion in contribution margin to 48.8% in FY23 from 30.1% in FY22, driven by a rising mix of financial revenue. Based on the consistent growth in merchants utilizing subscription devices and a robust disbursement run-rate, we estimate that the contribution profit of the company is expected to achieve a CAGR of 47% over FY23-25, with margins improving to 56% by FY25.

# RBI has recently allowed FLDG; approvals for PPBL & PPSL to further endorse faith in operations

In March'23, Paytm was granted an extension by the RBI for its payment aggregator license application. As a result, Paytm can continue offering all payment services to its existing customers. However, during this period, it cannot onboard new online merchants. Furthermore, the company is currently awaiting regulatory approvals to onboard new customers for Paytm Payments Bank. The company is already implementing the recommendations provided by the IT auditor, as suggested by the RBI. Additionally, Paytm has appointed Mr. Surinder Chawla as MD & CEO, post RBI's approval. We believe that with the recent Digital Lending Guidelines wherein RBI approved FLDG up to 5% has acknowledged the role of Fintechs in the financial ecosystem. Any pending approvals to Paytm which is the largest listed Fintech will further endorse faith in its business operations and augment growth opportunities.

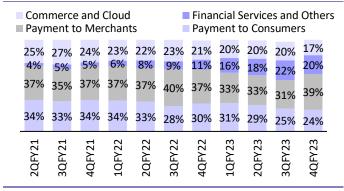
### Valuation & View: Reiterate BUY with revised TP of INR1,050

We believe that constant improvement in contribution margin and operating leverage will continue to drive Paytm's operating profitability. We believe that after reporting adjusted EBITDA breakeven, almost a year ahead of its guidance, Paytm is on track to report EBITDA breakeven in 2HFY25. We raise our FY25E GMV and Disbursement estimates by 5% and 21%, respectively, and estimate the mix of Financial revenue to increase to 32% by FY25E from 19% in FY23. We thus estimate

> revenue/contribution profit to register a CAGR of 31%/36% over FY23-28, while Adjusted EBITDA/EBITDA margin improves to 13%/5.9%, respectively, by FY25. We revise our TP to INR1,050 based on 16x FY28E EV/EBITDA and discount the same to FY25E, with a discount rate of ~15%. Our fair value corresponds to 4.7x FY25E P/Sales. We thus reiterate our BUY rating on the stock. Ability to maintain strong portfolio quality amid rapid disbursement growth, supply overhang from some of the large shareholders, and evolving regulatory environment adversely affecting Fintechs remain the key risks to our call.

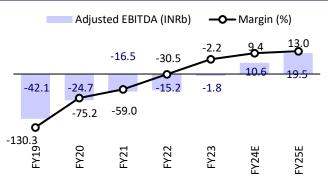
### Story in charts

**Exhibit 1: Payment and Financial services revenue forms** 83% of the total revenue



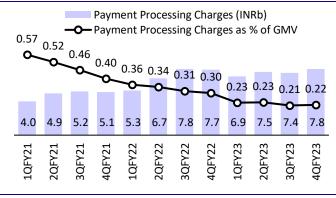
to achieve EBITDA breakeven by FY25

Exhibit 2: Adjusted EBITDA to increase to INR19.5b in FY25;

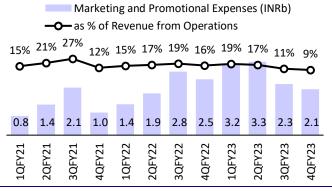


Source: MOFSL, Company Source: MOFSL, Company

Exhibit 3: Payment processing charges forms 0.22% of GMV

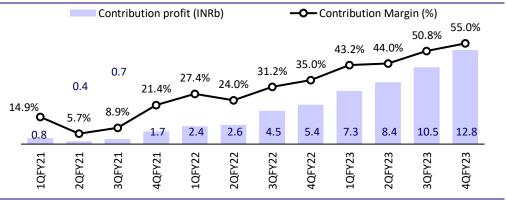


**Exhibit 4: Marketing expenses moderated to 9% of revenues** 



Source: MOFSL, Company Source: MOFSL, Company

Exhibit 5: Contribution margin improved to 55% in 4QFY23 (52% ex of UPI incentive) vs 51% in 3QFY23



2 July 2023 3  $Motilal\ Oswal$  One 97 communications

Exhibit 6: Devices deployed rose to 7.5m as of May'23

Devices Deployed (POS + Soundbox) 7.5 7.1 6.8 5.8 4.8 3.8 2.9 2.0 1.3 0.8 0.9 0.6 Apr'23 May'23 3QFY23

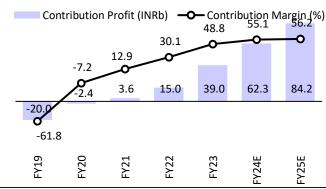
PAYTM has added ~0.4m devices in May'23

Source: MOSL, Company

Exhibit 7: GMV to register a healthy CAGR of  $^{\sim}32\%$  over FY23-25

GMV (INRt) **—** Growth - YoY (%) 111.2 55.2 35.0 32.3 29.6 33.0 8.5 2.3 3.0 4.0 13.2 17.8 23.1 FY24E

Exhibit 8: Contribution margin to expand to 56% by FY25



Source: MOFSL, Company

Source: MOFSL, Company

**Exhibit 9: Key changes to our estimates** 

INR b	Old Estimates		New Es	timates	Change (%/bps)		
	FY24	FY25	FY24	FY25	FY24	FY25	
Payment and Financial Services	88.3	112.7	93.2	125.2	5.5	11.1	
Commerce and Cloud Services	18.8	22.8	18.8	23.2	0.0	1.8	
Revenue from Operations	108.1	136.8	113.0	149.7	4.6	9.5	
Direct Expenses	47.8	59.0	50.8	65.5	6.2	11.1	
<b>Contribution Profit</b>	60.3	77.8	62.3	84.2	3.3	8.2	
Indirect Expenses	50.7	61.8	51.6	64.7	1.9	4.6	
Adjusted EBITDA	9.6	16.0	10.6	19.5	10.4	22.3	
EBITDA	-5.0	5.2	-4.0	8.8	-20.1	67.7	
PBT	-6.6	2.4	-7.0	2.9	5.4	21.3	
Tax	0.4	0.2	0.4	0.2	5.3	22.9	
PAT	-7.2	2.1	-7.6	2.6	5.3	22.9	
GMV (INRt)	17.2	22.0	17.8	23.1	3.8	5.1	
Disbursements	655	949	743	1,152	13.5	21.3	
Contribution Margin (%)	55.8	56.9	55.1	56.2	-68	-65	
Adjusted EBITDA Margin (%)	8.9	11.7	9.4	13.0	49	136	
EBITDA Margin (%)	-4.6	3.8	-3.5	5.9	108	204	
PAT Margin (%)	-6.6	1.5	-6.7	1.7	-5	19	

### **Valuation and View**

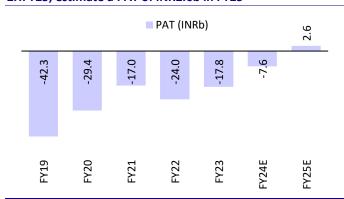
■ Paytm has reported a healthy 55% CAGR in its GMV over FY19-23. GMV remained strong in FY24 as well and grew to INR2.65t (+35% YoY) in the two month ended May'23. With increasing use cases, growing merchant & consumer base and rising penetration, we expect GMV to report a healthy 32% CAGR over FY23-25. Paytm also posted a steady growth in MTUs to ~92m for Apr'23-May'23, while the number of subscription payment devices rose to 7.5m during the same period. As the penetration among merchants remains low, we expect the traction to sustain with a quarterly addition of ~1.0m devices. We forecast the payment revenue to thus clock a healthy 26% CAGR over FY23-25.

- Paytm's financial business further augments the profitability of core payment business due to inherently higher contribution margin. The mix of financial services revenue has increased to 19% in FY23 from only 4% in FY19. With faster growth in GMV, merchant acquisition and cross-sell rate, we estimate Paytm's financial revenue to record 75% CAGR over FY23-25 with the mix reaching ~32% by FY25.
- Paytm's lending business has demonstrated a robust traction in loan disbursals with the total number of loans disbursed surging 4.6x YoY in FY23 (4.4x in FY22). We note that the total number of unique borrowers (who have taken a loan through Paytm) increased 1.4m QoQ to 9.5m in 4QFY23. Financial penetration for Paytm remains lower at 0.9-5.9% of MTU, and thus, there remains significant headroom for growth, given the large customer and merchant bases. We note that from an annualized 1QFY23 run-rate of INR222b value of loans, the company has reached an annualized run-rate of ~INR600b in Apr-May'23. Merchant loans also improved in May'23 after a drag in Apr'23 due to technology system upgrade at one of the leading partners. Paytm is looking to add more lending partners in FY24, which will help absorb the flow that it is capable of originating via its platform. We forecast disbursements to register a CAGR of 80% over FY23-25, thus reaching INR1.1t in FY25.

Exhibit 10: Revenue from operations to remain buoyant; likely to see a ~37% CAGR over FY23-25

Revenue from Operations (INRb) — Growth - YoY (%) 60.6 41.5 O 113.0 1.5 -14.6 149.7 79.9 49.7 32. 32. FY20 FY24E FY25E FY22 FY21

Exhibit 11: We estimate Paytm to achieve profitability by 2HFY25; estimate a PAT of INR2.6b in FY25



Source: MOFSL, Company

Source: MOFSL, Company

We believe that constant improvement in contribution margin and operating leverage will continue to drive Paytm's operating profitability. We believe that after reporting adjusted EBITDA breakeven almost a year ahead of its guidance, Paytm is on track to report EBITDA breakeven in 2HFY25E.

We raise our FY25E GMV and Disbursement estimates by 5% and 21%, respectively, and estimate the mix of Financial revenue to increase to 32% by FY25 from 19% in FY23. We thus estimate revenue/contribution profit to register a CAGR of 31%/36% over FY23-28, while Adjusted EBITDA/EBITDA margin improves to 13%/5.9%, respectively, by FY25E. We **revise our TP to INR1,050 based on 16x FY28E EV/EBITDA** and discount the same to FY25E, with a discount rate of ~15%. Our fair value corresponds to 4.7x FY25E P/Sales. We thus reiterate our BUY rating on the stock.

Exhibit 12: We estimate 31% revenue CAGR over FY23-28E and EBITDA of INR60.4b (~19% margin) by FY28E

INR b	FY23	FY24E	FY25E	FY26E	FY27E	FY28E	CAGR over FY23-28E
Payment and Financial Services	63.8	93.2	125.2	166.3	213.6	267.5	33%
Commerce and Cloud Services	15.2	18.8	23.2	28.4	34.3	41.2	22%
Revenue from Operations	79.9	113.0	149.7	196.3	249.9	311.1	31%
Direct Expenses	40.9	50.8	65.5	83.2	103.2	126.6	25%
Indirect Expenses	40.8	51.6	64.7	80.3	99.4	123.2	25%
Contribution Profit	39.0	62.3	84.2	113.1	146.7	184.5	36%
Contribution Margin (%)	48.8	55.1	56.2	57.6	58.7	59.3	
EBITDA	-16.3	-4.0	8.8	27.9	45.2	60.4	90%*
EBITDA Margin (%)	-20.4	-3.5	5.9	14.2	18.1	19.4	
PAT	-17.8	-7.6	2.6	16.8	27.3	34.1	137%*

<sup>\*</sup>CAGR over FY25-28 Source: MOFSL, Company

Exhibit 13: We value the stock at INR1,050 based on 16x FY28E EV/EBITDA

Valuation	INR b
EBITDA – FY28E	60.4
12 month forward multiple	16
EV Value – FY28	960.4
Discount Rate (%)	15.0%
Period to Discount (Years)	3.0
Discounted EV - FY25E	627.3
Cash - FY25E	79.1
Market Value	706.4
Diluted no of equity shares (m)	673.0
Target Price	1,050
CMP	842
Upside (%)	25%
P/Sales - FY25E	4.7

Source: MOFSL, Company

FY21

FY22

FY23

FY24E

FY20

FY19

(INR m)

FY25E

## **Financials and valuations**

**Income Statement** 

Y/E March

Payment Services to Merchants       4,860       7,658       10,116       18,919       27,390       33         Financial Services and Others       1,244       1,290       1,284       4,372       15,400       33         Payment and Financial Services       16,955       19,068       21,092       38,577       63,840       93         Growth (%)       NM       12.5       10.6       82.9       65.5       40	5,164 31,456 5,976 45,889 2,011 47,832 3,152 1,25,177 45.9 34.4 7,688 9,533
Financial Services and Others     1,244     1,290     1,284     4,372     15,400     3.72       Payment and Financial Services     16,955     19,068     21,092     38,577     63,840     93,000       Growth (%)     NM     12.5     10.6     82.9     65.5     40,000	2,011 47,832 <b>3,152 1,25,17</b> 45.9 34.4
Payment and Financial Services         16,955         19,068         21,092         38,577         63,840         93           Growth (%)         NM         12.5         10.6         82.9         65.5         4	<b>1,25,17 1,25,17</b> 45.9 34.4
Growth (%) NM 12.5 10.6 82.9 65.5	45.9 34.4
Growth (%) NM 12.5 10.6 82.9 65.5	45.9 34.4
Commerce 11,915 7,109 2,452 3,736 6,150 7	,688 9,533
	1,132 13,692
	8,819 23,224
	23.8 23.4
	.,075 1,322
	1,322
	41.5 32.4
	5,694 45,334
	5,246 7,864
	3,820 12,348
	0,760 65,546
	24.1 29.1
	2,285 84,178
	59.7 35.1
	7,122 9,283
	0,199 38,051
	3,606 10,585
	5,723 6,753
	1,649 64,672
Growth (%) NM 0.8 -9.6 49.5 35.2	26.7 25.2
Adjusted EBITDA -42,115 -24,683 -16,548 -15,177 -1,760 1	0,636 19,506
	704.3 83.4
ESOP Expense 1,546 1,661 1,125 8,093 14,560 1	4,610 10,710
EBITDA -43,661 -26,344 -17,673 -23,270 -16,320 -3	3,974 8,796
Growth (%) NM -39.7 -32.9 31.7 -29.9	75.6 -321.3
Finance Costs 342 485 348 394 230	265 304
Depreciation and Amortization Expenses 1,116 1,745 1,785 2,473 4,850 8	3,003 12,004
	5,248 6,455
	5,993 2,943
	146 166
Exceptional items 825 3,047 281 24 0	0 0
	428 222
	7,567 2,555
	57.4 -133.8
OTOTALI (70)	37.1
Balance Sheet	
	V24F FV2FF
	<b>Y24E FY25E</b> 642 652
·	
	28,765 1,30,043
•	-250 -275
	29,158 1,30,420
	2,485 2,610
	0,778 39,242
	72,421 1,72,272
	2,812 13,453
Investments in JV/Associates 2,002 2,468 2,317 2,233 2,518	-
	7,342 19,076
	0,000 11,240
Non-Current Assets 19,129 37,947 16,340 69,948 36,622 46	0,153 43,768
Investments 24,979 31,895 1,472 - 11,206 1:	1,206 11,206
Cash and Bank Balances 4,612 5,401 28,764 52,020 70,395 55	2,796 42,237
	8,265 75,061
	32,267 1,28,504
	72,421 1,72,272
, , , , , , , , , , , , , , , , , , , ,	, , , ==

## **Financials and valuations**

Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
GMV (INR b)	2,292	3,032	4,033	8,516	13,220	17,847	23,130
Disbursements (INR b)	NA	NA	14	76	354	743	1,152
Net Payment Margins (INR m)	-6,863	-4,881	640	6,667	19,719	15,710	17,513
Revenue from Operations Mix (%)						220/	220/
Payment Services to Consumers	34%	31% 23%	35% 36%	31%	27% 34%	23% 32%	22% 31%
Payment Services to Merchants Financial Services and Others	15% 4%	23% 4%	5%	38% 9%	34% 19%	28%	31%
Payment and Financial Services	52%	58%	75%	78%	81%	83%	84%
Commerce	37%	29%	9%	8%	8%	7%	6%
Cloud	11%	12%	16%	15%	11%	10%	9%
Commerce and Cloud Services	48%	42%	25%	22%	19%	17%	16%
Ratios							
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Payment Services to Consumers % of GMV	0.47	0.33	0.24	0.18	0.16	0.14	0.14
Payment Services to Merchants % of GMV	0.21	0.25	0.25	0.22	0.21	0.20	0.20
Take rates - Financial Services (%)	NA	NA	9.1	5.7	4.4	4.3	4.2
Payment processing charges % of GMV	0.98	0.75	0.48	0.32	0.22	0.20	0.20
Net Payment Margin (%)	-0.30	-0.16	0.02	0.08	0.15	0.09	0.08
Direct Expense % of Revenues	161.8	107.2	87.1	69.9	51.2	44.9	43.8
Contribution Margin	-61.8	-7.2	12.9	30.1	48.8	55.1	56.2
Indirect Expense % of Revenues	68.5	68.0	72.0	60.6	51.0	45.7	43.2
Adjusted EBITDA Margin (%)	-130.3	-75.2	-59.0	-30.5	-2.2	9.4	13.0
EBITDA Margin (%)	-135.1	-80.3	-63.1	-46.8	-20.4	-3.5	5.9
PAT Margin (%)	-130.7	-89.7	-60.7	-48.2	-22.2	-6.7	1.7
Valuation							
RoE	-62.9	-42.3	-23.3	-23.2	-13.1	-5.8	2.0
RoA	-49.0	-31.2	-17.5	-17.7	-9.9	-4.3	1.5
Sales per share (INR)	56	54	46	77	126	176	230
Growth (%)	NM	-3.4	-14.7	65.5	64.4	39.7	30.4
Price-Sales (x)	12.3	12.7	14.9	9.0	5.5	4.8	3.7
Book Value per share (INR)	101	134	108	218	205	201	200
Growth (%)	NM	32.2	-19.6	102.1	-5.9	-1.8	-0.6
Price-BV (x)	6.8	5.1	6.4	3.2	3.4	4.2	4.2
EBITDA per share (INR)	-76	-44	-29	-36	-26	-6	13
Price-EBITDA (x)	-9.1	-15.8	-23.6	-19.2	-26.8	-136.0	62.4
EPS (INR)	-73.5	-48.7	-28.1	-36.9	-28.0	-11.8	3.9
Growth (%)	NM	-33.7	-42.3	31.3	-24.1	-57.9	-133.2
Price-Earnings (x)	-9.4	-14.2	-24.5	-18.7	-24.6	-71.4	214.9

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 entities of Motilal Oswal Financial Services Limited are available on the website at <a href="http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf</a>

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 alaxy.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.

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 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") (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.

- 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 10 MOFSL has not engaged in market making activity for the subject company

### The associates of MOFSL may have:

financial interest in the subject company

2 July 2023

- 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="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: 022-40548085.

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 <a href="mailto:query@motilaloswal.com">query@motilaloswal.com</a>. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to <a href="mailto:qrievances@motilaloswal.com">qrievances@motilaloswal.com</a>. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to <a href="mailto:qrievances@motilaloswal.com">qrievances@motilaloswal.com</a>.