

# Aurobindo Pharma

Estimate change



TP change



Rating change



Bloomberg	ARBP IN
Equity Shares (m)	586
M.Cap.(INRb)/(USDb)	274.7 / 3.3
52-Week Range (INR)	730 / 397
1, 6, 12 Rel. Per (%)	5/-19/-33
12M Avg Val (INR M)	1048

## Financials & Valuations (INR b)

Y/E MARCH	FY23E	FY24E	FY25E
Sales	246.7	262.8	279.8
EBITDA	39.5	44.4	47.8
Adj. PAT	22.0	26.1	28.6
EBIT Margin (%)	11.1	12.2	12.7
Cons. Adj. EPS (INR)	37.6	44.5	48.7
EPS Gr. (%)	-14.6	18.3	9.6
BV/Sh. (INR)	451.4	490.9	533.6

## Ratios

Net D:E	0.0	-0.1	-0.1
RoE (%)	8.6	9.4	9.5
RoCE (%)	8.4	9.3	9.4
Payout (%)	11.1	11.2	12.3

## Valuations

P/E (x)	12.4	10.5	9.6
EV/EBITDA (x)	6.6	5.6	4.8
Div. Yield (%)	0.9	1.1	1.3
FCF Yield (%)	-2.1	6.1	7.9
EV/Sales (x)	1.1	0.9	0.8

## Shareholding pattern (%)

As On	Dec-22	Sep-22	Dec-21
Promoter	51.8	51.8	51.8
DII	14.9	16.6	16.5
FII	22.3	21.4	21.4
Others	11.0	10.2	10.3

FII Includes depository receipts

**CMP: INR469**

**TP: INR500 (+7%)**

**Neutral**

## Healthy operational performance, driven by US/ARV/EU

### Some respite to price erosion in US generics segment

- ARBP delivered better than expected 3QFY23, led by healthy traction in the US/ARV/EU segment. The company registered a 7%/6% beat on sales/EBITDA, respectively. However, the earnings were below estimate (7% miss) due to higher depreciation/interest cost/tax outgo for the quarter. ARBP remains on track with respect to product development in the bio-similar space. It is also witnessing a ramp-up in its global injectables business over the medium term.
- We raise earnings estimate for FY23/FY24/FY25 by 4.5%/2%/2%, respectively, to factor in a) the impact of reduction in price erosion on the base business, b) robust new launches in US/EU and c) higher R&D spend on biosimilars. We value ARBP at 11x 12M forward earnings to arrive at price target of INR500.
- ARBP is in the process of building additional levers of growth such as Pen-g project, a biosimilar pipeline, and niche products in the generics space (including injectables). However, the earnings CAGR is expected to be moderate at 14% over FY23-25. Adequately factoring this upside potential into our valuation, we reiterate our Neutral stance on the stock.

### Higher opex/R&D spend affect profitability on YoY basis

- ARBP's 3QFY23 sales grew 6.7% YoY to INR64b (our estimate: INR60b).
- Overall Formulation sales grew 9.2% YoY to INR54b. US formulations revenue grew 9% YoY to INR30b (flat YoY in CC terms to USD366m; 47% of sales). ARV revenue increased 61% YoY to INR2.5b (4% of sales). Growth Markets sales grew 25.7% YoY to INR5b (8% of sales). Europe formulation sales were flat YoY to INR17b (26% of sales). API sales declined 5.5% YoY to INR9.5b (15% of sales).
- Gross margin (GM) expanded 30bp YoY to 54.6%.
- However, EBITDA margin contracted 200bp to 14.9% (our estimate: 15.1%). Higher other expense (up 250bp YoY as a percentage of sales) adversely impacted profitability
- EBITDA was down 6% YoY to INR9.5b (our estimates: INR9b).
- Adjusting for the forex gain of INR121m, PAT declined at a higher rate of 14% YoY to INR4.8b (our est: INR5.2b), due to higher depreciation/interest cost.
- In 9MFY23, revenue grew 4% YoY to INR183b, while EBITDA/PAT declined 11%/14% YoY to INR30b/INR17b, respectively.

### Highlights from the management commentary

- From the current quarterly run-rate of USD100m for global injectables business, ARBP intends to build up to USD125m per quarter in FY24.
- The Pen-g project is on fast track with USD100m already spent. Total purchase order issued till date amounts to USD200m. Overall investment is expected to be USD250m. This project is expected to add business FY25 onwards.
- ARBP expects to launch g-Revlimid in 3QFY24.
- Although ARBP has received approval for linaclotide, the launch would be as per the settlement terms.

**Tushar Manudhane - Research Analyst** (Tushar.Manudhane@MotilalOswal.com)

**Sumit Gupta - Research Analyst** (Sumit.G@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](http://www.motilaloswal.com/Institutional-Equities), Bloomberg, Thomson Reuters, Factset and S&P Capital.

## Quarterly performance (Consolidated)

(INR b)

Y/E March	FY22				FY23E				FY22	FY23E	FY23E	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	vs Est
<b>Net Sales</b>	<b>57.0</b>	<b>59.4</b>	<b>60.0</b>	<b>58.1</b>	<b>62.4</b>	<b>57.4</b>	<b>64.1</b>	<b>62.9</b>	<b>234.6</b>	<b>246.7</b>	<b>59.9</b>	<b>7.0%</b>
YoY Change (%)	-3.8	-8.4	-5.7	-3.2	9.4	-3.4	6.7	8.2	-5.3	5.2	-0.3	
<b>EBITDA</b>	<b>12.1</b>	<b>11.9</b>	<b>10.2</b>	<b>9.7</b>	<b>10.2</b>	<b>10.5</b>	<b>9.5</b>	<b>9.2</b>	<b>43.9</b>	<b>39.5</b>	<b>9.0</b>	<b>5.6%</b>
YoY Change (%)	-8.2	-17.2	-25.7	-23.6	-15.3	-11.3	-6.1	-6.0	-18.7	-10.0	-11.1	
Margins (%)	21.2	20.0	16.9	16.8	16.4	18.3	14.9	14.6	18.7	16.0	15.1	
Depreciation	2.8	2.9	3.0	2.5	2.8	3.0	3.2	3.2	11.3	12.2	2.8	
<b>EBIT</b>	<b>9.3</b>	<b>8.9</b>	<b>7.2</b>	<b>7.2</b>	<b>7.5</b>	<b>7.5</b>	<b>6.3</b>	<b>6.0</b>	<b>32.6</b>	<b>27.3</b>	<b>6.2</b>	
YoY Change (%)	-12.4	-24.1	-34.3	-28.5	-19.8	-15.5	-11.7	-17.3	-24.8	-16.3	-13.0	
Interest	0.1	0.1	0.2	0.1	0.1	0.3	0.4	0.5	0.5	1.3	0.1	
Other Income	0.8	0.9	0.5	0.3	0.4	0.6	0.8	0.8	2.5	2.6	0.6	
<b>PBT before EO expense</b>	<b>10.0</b>	<b>9.8</b>	<b>7.5</b>	<b>7.4</b>	<b>7.7</b>	<b>7.9</b>	<b>6.7</b>	<b>6.3</b>	<b>34.6</b>	<b>28.5</b>	<b>6.7</b>	<b>0.2%</b>
Forex loss/(gain)	-0.3	0.0	-0.2	-0.2	0.3	0.5	-0.1	0.0	-0.7	0.6	0.0	
Exceptional (expenses)/income	0.0	0.0	0.3	-1.6	-0.6	0.0	0.0	0.0	-1.3	-0.6	0.0	
<b>PBT</b>	<b>10.3</b>	<b>9.8</b>	<b>8.0</b>	<b>6.0</b>	<b>6.8</b>	<b>7.4</b>	<b>6.8</b>	<b>6.3</b>	<b>34.0</b>	<b>27.3</b>	<b>6.7</b>	<b>2.1%</b>
Tax	2.5	2.7	1.9	0.2	1.6	1.1	1.9	1.5	7.3	6.1	1.4	
Rate (%)	24.1	27.7	23.7	2.9	23.2	15.3	27.8	24.5	21.3	22.5	21.5	
Minority Interest	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	
<b>Reported PAT</b>	<b>7.7</b>	<b>7.0</b>	<b>6.0</b>	<b>5.8</b>	<b>5.2</b>	<b>6.2</b>	<b>4.9</b>	<b>4.7</b>	<b>26.5</b>	<b>21.1</b>	<b>5.2</b>	<b>-5.3%</b>
<b>Adj PAT</b>	<b>7.5</b>	<b>7.0</b>	<b>5.6</b>	<b>5.7</b>	<b>5.9</b>	<b>6.6</b>	<b>4.8</b>	<b>4.7</b>	<b>25.8</b>	<b>22.0</b>	<b>5.2</b>	<b>-7.0%</b>
YoY Change (%)	-7.4	-13.2	-26.5	-27.4	-21.4	-4.5	-14.3	-18.1	-18.5	-14.6	-7.9	
Margins (%)	13.1	11.7	9.4	9.9	9.4	11.6	7.5	7.5	11.0	8.9	8.7	

E: MOFSL Estimates

## Key performance Indicators (Consolidated)

(INR b)

Y/E March	FY22				FY23E				FY22	FY23E	FY23E
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			
<b>Formulations</b>	<b>48.9</b>	<b>51.6</b>	<b>49.9</b>	<b>49.0</b>	<b>53.3</b>	<b>47.7</b>	<b>54.5</b>	<b>53.3</b>	<b>199.4</b>	<b>208.8</b>	<b>50.5</b>
YoY Change (%)	-4.9	-8.7	-12.1	-5.9	9.0	-7.6	9.2	8.9	-8.1	4.7	1.1
ARV form.	3.0	1.5	1.6	2.4	3.8	1.6	2.5	2.0	8.3	10.0	2.0
YoY Change (%)	-30.3	-71.2	-64.9	-51.9	28.1	13.1	61.3	-13.2	-55.3	20.0	30.0
US generic form.	26.8	29.7	27.5	27.3	29.7	26.4	30.0	30.7	111.2	116.8	27.5
YoY Change (%)	-13.7	-7.0	-13.4	-4.5	10.8	-11.1	9.3	12.6	-9.8	5.0	0.3
EU and ROW form.	19.1	20.5	20.9	19.3	19.8	19.7	22.0	20.5	79.8	82.0	20.9
YoY Change (%)	18.6	4.5	1.2	4.0	3.5	-3.9	5.2	6.3	6.5	2.7	0.0
<b>APIs</b>	<b>8.1</b>	<b>7.8</b>	<b>10.1</b>	<b>9.1</b>	<b>9.1</b>	<b>9.7</b>	<b>9.5</b>	<b>9.6</b>	<b>35.2</b>	<b>37.9</b>	<b>9.4</b>
YoY Change (%)	4.1	-5.8	48.0	14.9	11.6	24.1	-5.5	5.0	13.9	7.8	-7.0
<b>Cost Break-up</b>											
RM Cost (% of Sales)	41.5	42.2	45.7	43.5	46.3	41.0	45.4	45.0	43.2	44.5	44.9
Staff Cost (% of Sales)	15.3	14.5	14.5	14.7	14.1	15.1	14.4	14.8	14.7	14.6	14.6
R&D Expenses(% of Sales)	6.3	6.7	6.5	7.4	5.0	4.8	6.5	6.8	6.7	5.8	5.9
Other Cost (% of Sales)	15.8	16.7	16.3	17.7	18.2	20.7	18.9	18.8	16.4	19.1	19.5
Gross Margins (%)	58.5	57.8	54.3	56.5	53.7	59.0	54.6	55.0	56.8	55.5	55.1
EBITDA Margins (%)	21.2	20.0	16.9	16.8	16.4	18.3	14.9	14.6	18.7	16.0	15.1
EBIT Margins (%)	16.3	15.0	11.9	12.4	12.0	13.1	9.9	9.5	13.9	11.1	10.4

E: MOFSL Estimates

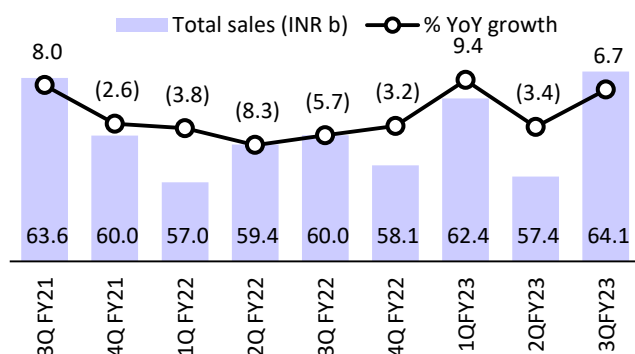


### Conference call highlights

- ARBP has witnessed reduced price erosion in the US base business. Also, seasonality supported some growth in US generics for the quarter.
- ARBP expects commercialization from the Vizag facility FY25 onwards.
- It has filed two biosimilars with European authority. One is an anti-body in the oncology segment. The commercial benefit is expected to reflect from 4QFY24 onwards post the successful UKMHRA inspection expected to be done in Apr'23.
- ARBP guided for mid-single digit YoY growth prospects in the Europe business over the next 12-15 months.
- The R&D spend has been higher for the quarter, due to increased spending in clinical trials related to biosimilars. The trend is expected to continue for a few more quarters due to the ongoing phase III trials for certain products.

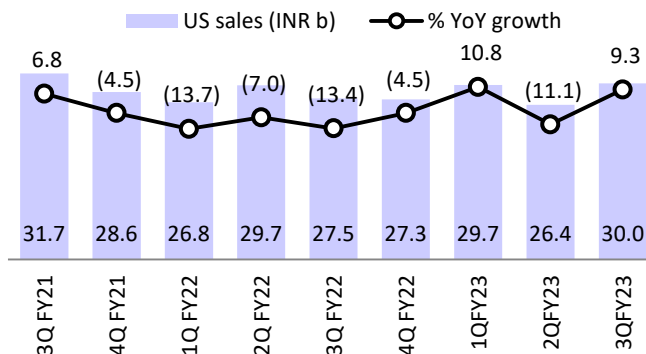
## Key Exhibits

Exhibit 1: Revenue grew 7% YoY in 3QFY23



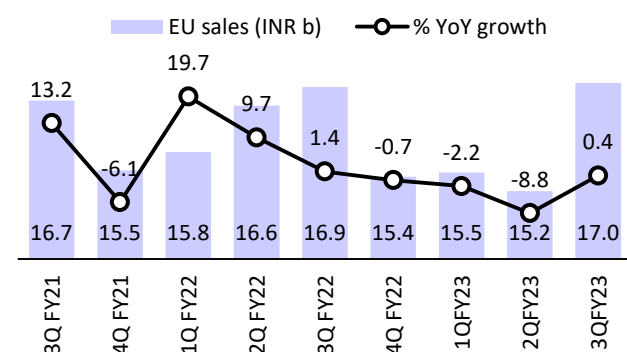
Source: MOFSL, Company

Exhibit 2: US sales grew 9% YoY in 3QFY23 in INR terms



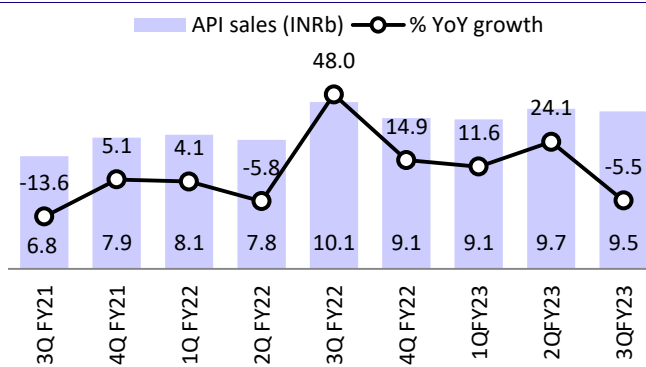
Source: MOFSL, Company

Exhibit 3: EU sales flat YoY in 3QFY23



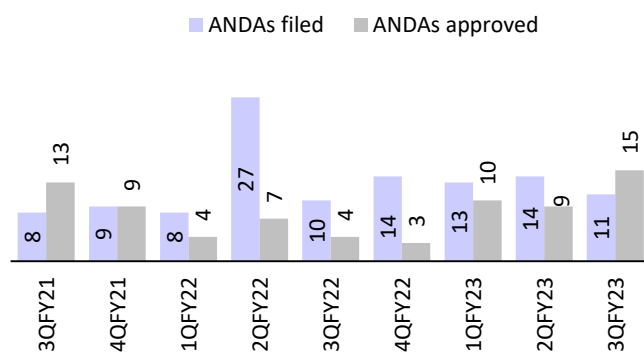
Source: MOFSL, Company

Exhibit 4: API sales declined 5.5% YoY in 3QFY23



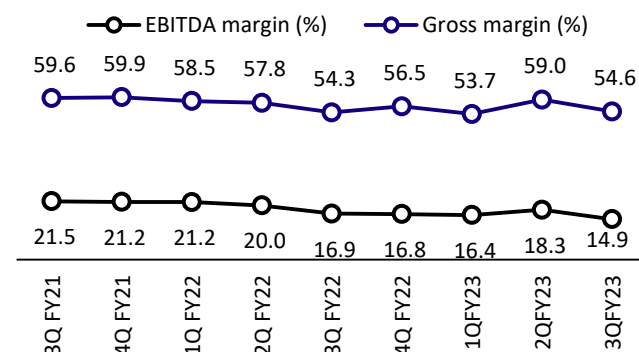
Source: MOFSL, Company

Exhibit 5: ARBP filed 11 ANDAs in 2QFY23



Source: MOFSL, Company

Exhibit 6: EBITDA margin contracted 200bp YoY



Source: MOFSL, Company

## Enhanced efforts to revive earnings growth

## New launches and reduced price erosion to drive US segment

- In 9MFY23, ARBP's US sales grew 3% YoY to INR86b (USD1b; CC: -4%). While ARBP had a robust pace of launches over 9MFY23, the steep price erosion in base portfolio adversely affected the performance in the US generics segment.
- Having said this, the reduced intensity of competition is comforting. And the pipeline of 187 ANDAs pending for approval provides enough confidence to deliver a 6% sales CAGR over FY23-25 to INR132b (USD1.7b).

### New launches/Biosimilars to drive EU business growth

- In 9MFY23, EU sales declined 4% YoY to INR48b, led by unfavorable currency movement.
- However, ARBP is focusing on expanding its product offerings, including biosimilars, and improving operational efficiencies.
- In EU, ARBP has nearly 3,100 dossiers and 372 products filed. Moreover, ARBP is also working on increasing its reach in existing regions as well as expanding to newer markets.
- Accordingly, we expect 5% sales CAGR in Europe to INR69b over FY23–25.

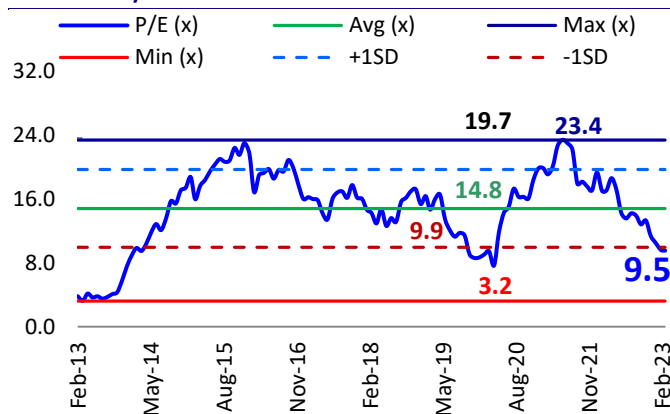
### Strong traction witnessed in API

- There has been an improved demand for key products in the API segment. With RM price expected to ease, we expect improved profitability, and better off-take of API volumes.
- With new launches and market share gains in the existing products, we expect sales to clock a 7% CAGR to INR43b over FY23–25.

### Reiterate Neutral

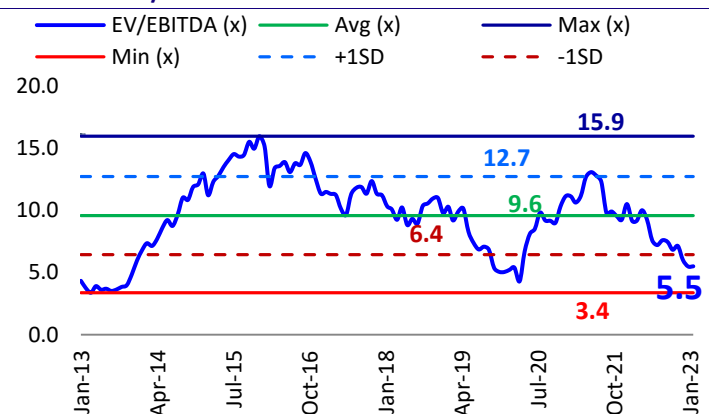
- We raise our earnings estimate for FY23/FY24/FY25 by 4.5%/2%/2%, respectively, to factor in a) the impact of reduction in price erosion on the base business, b) robust new launches in US/EU, and c) higher R&D spend on biosimilars. We value ARBP at 11x 12M forward earnings to arrive at a price target of INR500.
- ARBP is in the process of building additional levers of growth such as Pen-g project, a biosimilar pipeline, and niche products in the generics space (including injectables). The earnings CAGR is expected to be moderate at 14% over FY23–25. Adequately factoring in this upside potential into our valuation, we reiterate our Neutral stance on the stock.

Exhibit 7: P/E chart



Source: MOFSL, Company, Bloomberg

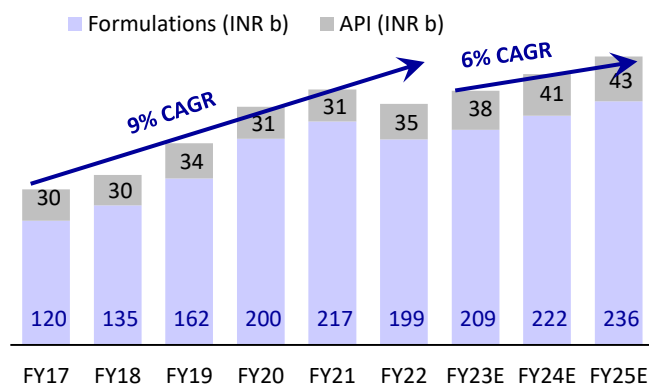
Exhibit 8: EV/EBITDA chart



Source: MOFSL, Company, Bloomberg

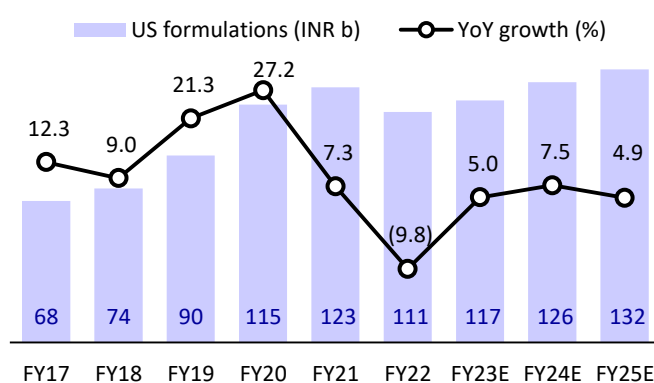
## Story in charts

**Exhibit 9: Expect sales CAGR of 6% over FY23–25**



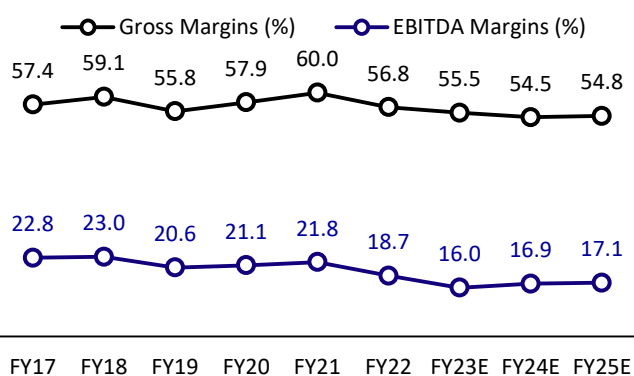
Source: Company, MOFSL

**Exhibit 10: The US sales to exhibit 6% CAGR over FY23–25**



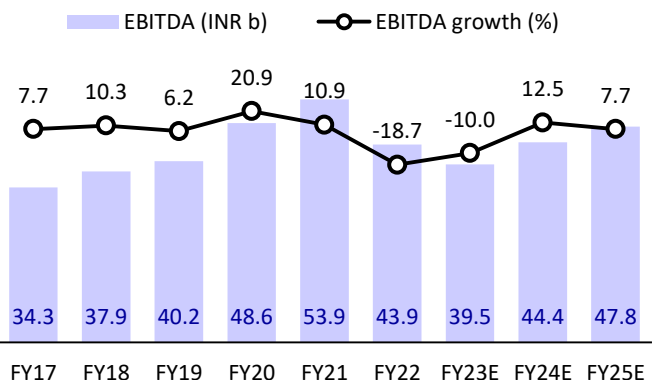
Source: Company, MOFSL

**Exhibit 11: EBITDA margin to expand over FY23–25**



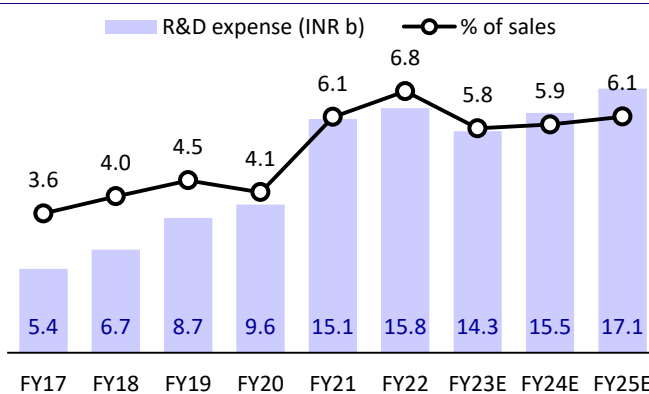
Source: Company, MOFSL

**Exhibit 12: EBITDA to clock a 10% CAGR over FY23–25**



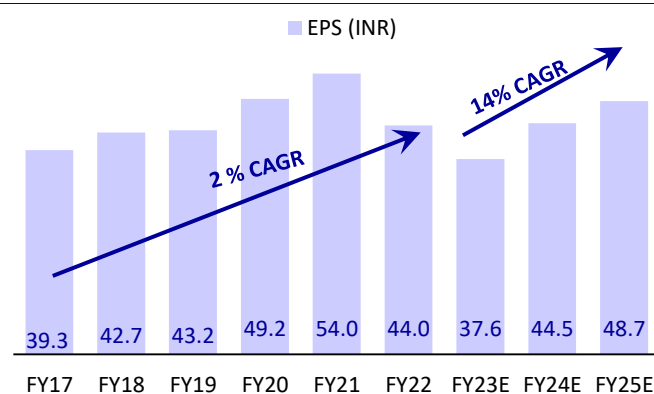
Source: Company, MOFSL

**Exhibit 13: R&D expense to increase over FY23–25**



Source: Company, MOFSL

**Exhibit 14: Expect EPS CAGR of 14% over FY23–25**



Source: Company, MOFSL

## Financials and valuations

Consolidated - Income Statement									(INRm)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Total Income from Operations	150,897	164,998	195,636	230,985	247,746	234,555	246,702	262,789	279,810
Change (%)	8.1	9.3	18.6	18.1	7.3	-5.3	5.2	6.5	6.5
Total Expenditure	116,556	127,113	155,416	182,342	193,812	190,687	207,230	218,378	231,963
EBITDA	34,341	37,885	40,219	48,643	53,934	43,868	39,472	44,411	47,848
Margin (%)	22.8	23.0	20.6	21.1	21.8	18.7	16.0	16.9	17.1
Depreciation	4,276	5,580	6,680	9,667	10,554	11,265	12,188	12,369	12,405
EBIT	30,065	32,305	33,540	38,976	43,380	32,603	27,285	32,043	35,443
Int. and Finance Charges	667	777	1,627	1,598	745	486	1,320	1,222	1,206
Other Income	538	1,020	1,157	862	2,373	2,504	2,559	2,450	2,300
PBT bef. EO Exp.	29,936	32,548	33,070	38,240	45,008	34,620	28,524	33,270	36,537
EO Items	621	-168	-2,183	-658	28,982	-580	-1,223	0	0
PBT after EO Exp.	30,557	32,380	30,887	37,582	73,990	34,040	27,301	33,270	36,537
Current Tax	7,596	8,183	7,269	9,135	20,098	7,256	6,143	7,087	7,856
Tax Rate (%)	24.9	25.3	23.5	24.3	27.2	21.3	22.5	21.3	21.5
Less: Mionrity Interest	-55	-34	-29	143	554	313	100	120	120
Reported PAT	23,015	24,231	23,647	28,304	53,338	26,471	21,058	26,064	28,562
Adjusted PAT	23,015	25,021	25,288	28,798	31,650	25,800	22,038	26,064	28,562
Change (%)	13.6	8.7	1.1	13.9	9.9	-18.5	-14.6	18.3	9.6
Margin (%)	15.3	15.2	12.9	12.5	12.8	11.0	8.9	9.9	10.2

Consolidated - Balance Sheet									(INRm)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Equity Share Capital	586	586	586	586	586	586	586	586	586
Total Reserves	93,133	116,218	138,322	167,518	218,713	245,174	263,889	287,026	312,077
Net Worth	93,719	116,804	138,908	168,104	219,299	245,760	264,474	287,612	312,663
Minority Interest	21	18	16	1	-9	-19	-20	-20	-20
Deferred Liabilities	-1,185	765	980	1,393	1,219	1,224	1,248	1,273	1,299
Total Loans	30,841	44,825	67,532	54,223	49,711	23,728	18,858	14,993	11,924
Capital Employed	123,397	162,413	207,436	223,721	270,220	270,692	284,560	303,858	325,865
Gross Block	53,650	70,719	97,987	116,412	134,292	158,447	170,947	182,447	193,447
Less: Accum. Deprn.	7,168	11,843	18,298	27,965	38,519	49,784	61,972	74,341	86,745
Net Fixed Assets	46,482	58,876	79,689	88,447	95,773	108,663	108,975	108,107	106,702
Goodwill on Consolidation	4,063	8,165	8,325	9,159	4,289	4,754	4,754	4,754	4,754
Capital WIP	12,374	13,995	13,419	16,218	24,289	29,376	29,376	29,376	29,376
Total Investments	2,459	3,115	3,602	5,547	5,910	9,972	9,972	9,972	9,972
Curr. Assets, Loans&Adv.	95,439	125,312	157,675	168,260	203,752	183,567	192,483	215,505	241,485
Inventory	43,305	58,584	72,456	76,999	90,266	75,539	90,232	98,604	104,645
Account Receivables	35,042	38,721	34,150	43,152	35,033	40,123	45,285	48,958	52,896
Cash and Bank Balance	5,135	12,616	19,572	28,422	54,743	41,900	30,151	41,128	57,130
Loans and Advances	11,957	15,390	31,498	19,689	23,711	26,006	26,815	26,815	26,815
Curr. Liability & Prov.	37,420	47,051	55,275	63,911	63,793	65,639	61,000	63,855	66,424
Account Payables	24,883	26,274	25,522	25,450	27,947	27,031	30,375	33,230	35,799
Other Current Liabilities	11,415	18,209	26,104	33,547	32,556	35,185	30,000	30,000	30,000
Provisions	1,123	2,568	3,649	4,914	3,291	3,424	625	625	625
Net Current Assets	58,019	78,260	102,400	104,350	139,958	117,928	131,484	151,650	175,061
Appl. of Funds	123,397	162,413	207,436	223,721	270,220	270,692	284,560	303,858	325,865

E: MOFSL Estimates



## Financials and valuations

### Ratios

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
<b>EPS</b>	<b>39.3</b>	<b>42.7</b>	<b>43.2</b>	<b>49.2</b>	<b>54.0</b>	<b>44.0</b>	<b>37.6</b>	<b>44.5</b>	<b>48.7</b>
Cash EPS	46.6	52.2	54.6	65.7	72.0	63.3	58.4	65.6	69.9
BV/Share	160.0	199.4	237.1	286.9	374.3	419.5	451.4	490.9	533.6
DPS	1.9	3.7	2.5	2.5	2.5	3.5	4.0	5.0	6.0
Payout (%)	6.0	10.9	6.8	5.2	2.7	7.7	11.1	11.2	12.3
<b>Valuation (x)</b>									
P/E	11.9	10.9	10.8	9.5	8.6	10.6	12.4	10.5	9.6
Cash P/E	10.0	8.9	8.6	7.1	6.5	7.4	8.0	7.1	6.7
P/BV	2.9	2.3	2.0	1.6	1.2	1.1	1.0	1.0	0.9
EV/Sales	2.0	1.9	1.6	1.3	1.1	1.1	1.1	0.9	0.8
EV/EBITDA	8.7	8.1	8.0	6.2	5.0	5.8	6.6	5.6	4.8
Dividend Yield (%)	0.4	0.8	0.5	0.5	0.5	0.7	0.9	1.1	1.3
FCF per share	27.0	7.2	1.6	50.4	12.5	35.7	-9.7	28.4	36.8
<b>Return Ratios (%)</b>									
RoE	27.6	23.8	19.8	18.8	16.3	11.1	8.6	9.4	9.5
RoCE	19.0	17.4	14.4	14.1	13.6	10.3	8.4	9.3	9.4
RoIC	22.5	20.4	16.9	17.1	17.6	13.7	10.5	11.5	12.3
<b>Working Capital Ratios</b>									
Fixed Asset Turnover (x)	2.8	2.3	2.0	2.0	1.8	1.5	1.4	1.4	1.4
Inventory (Days)	238	275	277	280	308	298	276	288	293
Debtor (Days)	98	82	68	61	58	58	63	65	66
Creditor (Days)	140	138	109	96	98	99	95	97	100
Working Cap. (Days)	196	219	235	246	267	258	243	257	260
<b>Leverage Ratio (x)</b>									
Current Ratio	2.6	2.7	2.9	2.6	3.2	2.8	3.2	3.4	3.6
Interest Cover Ratio	45	42	21	24	58	67	21	26	29
Net Debt/Equity	0.3	0.3	0.3	0.2	0.0	-0.1	0.0	-0.1	-0.1

### Consolidated - Cash Flow Statement

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
OP/(Loss) before Tax	30,608	32,412	30,914	37,430	45,008	34,620	28,524	33,270	36,537
Depreciation	4,276	5,580	6,680	9,667	10,554	11,265	12,188	12,369	12,405
Interest / Dividend recieved	384	509	1,370	1,207	-1,628	-2,018	-1,239	-1,228	-1,094
Direct Taxes Paid	-7,737	-6,986	-7,698	-7,298	-20,098	-7,256	-6,143	-7,087	-7,856
(Inc)/Dec in WC	5,341	-10,358	-14,845	2,769	-9,287	9,188	-25,305	-9,189	-7,410
<b>CF from Operations</b>	<b>32,872</b>	<b>21,157</b>	<b>16,420</b>	<b>43,775</b>	<b>24,549</b>	<b>45,800</b>	<b>8,024</b>	<b>28,136</b>	<b>32,582</b>
Others	-86	-1,612	90	38	8,740	4,364	-1,223	0	0
<b>CF from Operating incl EO</b>	<b>32,786</b>	<b>19,545</b>	<b>16,510</b>	<b>43,813</b>	<b>33,289</b>	<b>50,164</b>	<b>6,802</b>	<b>28,136</b>	<b>32,582</b>
(inc)/dec in FA	-16,942	-15,299	-15,591	-14,311	-25,951	-29,242	-12,500	-11,500	-11,000
<b>Free Cash Flow</b>	<b>15,844</b>	<b>4,246</b>	<b>919</b>	<b>29,502</b>	<b>7,338</b>	<b>20,922</b>	<b>-5,698</b>	<b>16,636</b>	<b>21,582</b>
(Pur)/Sale of Investments	-929	-3,967	-13,435	-1,366	363	4,061	0	0	0
Others					31,575	-6,936			
<b>CF from Investments</b>	<b>-17,870</b>	<b>-19,266</b>	<b>-29,026</b>	<b>-15,677</b>	<b>5,987</b>	<b>-32,116</b>	<b>-12,500</b>	<b>-11,500</b>	<b>-11,000</b>
Inc/(Dec) in Debt	-17,279	2,858	26,242	-13,130	-4,522	-25,994	-4,871	-3,865	-3,069
Interest Paid	-568	-742	-1,515	-1,266	-745	-486	-1,320	-1,222	-1,206
Dividend Paid	-1,372	-2,641	-1,599	-1,884	-1,465	-2,051	-2,344	-2,926	-3,511
Others	1,537	7,745	-3,358	-2,773	-6,916	-1,162	2,483	2,355	2,205
<b>CF from Fin. Activity</b>	<b>-17,683</b>	<b>7,220</b>	<b>19,771</b>	<b>-19,053</b>	<b>-13,648</b>	<b>-29,693</b>	<b>-6,051</b>	<b>-5,659</b>	<b>-5,581</b>
<b>Inc/Dec of Cash</b>	<b>-2,767</b>	<b>7,499</b>	<b>7,254</b>	<b>9,083</b>	<b>25,628</b>	<b>-11,645</b>	<b>-11,749</b>	<b>10,977</b>	<b>16,002</b>
Opening Balance	7,904	5,135	12,616	19,572	28,422	54,743	41,900	30,151	41,128
Others incl. impact of fx	-2	-18	-299	-233	694	-1,198			
<b>Closing Balance</b>	<b>5,135</b>	<b>12,616</b>	<b>19,572</b>	<b>28,422</b>	<b>54,743</b>	<b>41,900</b>	<b>30,151</b>	<b>41,128</b>	<b>57,129</b>



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.

#### Disclosures

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](http://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://online.reports.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://qalaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>

A graph of daily closing prices of securities is available at [www.nseindia.com](http://www.nseindia.com), [www.bseindia.com](http://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 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.

#### Specific Disclosures

- 1 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.
- 2 MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- 3 MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- 4 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
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 7 MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 9 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
- 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; [www.motilaloswal.com](http://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](mailto:na@motilaloswal.com), 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](mailto: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](mailto:grievances@motilaloswal.com), for DP to [dpgrievances@motilaloswal.com](mailto:dpgrievances@motilaloswal.com).