# Motilal Oswal

# Sun Pharma

Estimate change	Ļ
TP change	Ļ
Rating change	

Bloomberg	SUNP IN
Equity Shares (m)	2,399
M.Cap.(INRb)/(USDb)	1275.8 / 16.4
52-Week Range (INR)	541 / 315
1, 6, 12 Rel. Per (%)	5/30/24
12M Avg Val (INR M)	3996

Motilal Oswal values your support in the Asiamoney Brokers Poll 2020 for India Research, Sales and Trading

team. We request your ballot.



#### Financials & valuations (INR b)

Financials & valuations (INR b)						
Y/E MARCH	2020	<b>2021E</b>	2022E			
Sales	323.3	330.8	369.3			
EBITDA	64.6	72.4	85.1			
Adj. PAT	39.5	45.7	56.2			
EBIT Margin (%)	13.6	15.4	17.1			
Cons. Adj. EPS (INR)	16.4	19.0	23.3			
EPS Gr. (%)	8.7	15.7	23.0			
BV/Sh. (INR)	188.1	190.9	209.8			
Ratios						
Net D:E	0.03	0.12	0.07			
RoE (%)	9.1	10.1	11.8			
RoCE (%)	8.9	9.9	11.5			
Payout (%)	23.5	30.9	17.4			
Valuations						
P/E (x)	32.8	28.4	23.0			
EV/EBITDA (x)	19.3	17.8	14.9			
Div. Yield (%)	0.6	0.6	0.7			
FCF Yield (%)	2.3	-1.7	2.6			
EV/Sales (x)	3.9	3.9	3.4			

### Shareholding pattern (%)

As On	Jun-20	Mar-20	Jun-19
Promoter	54.7	54.7	54.4
DII	20.1	19.6	18.0
FII	12.7	12.8	14.9
Others	12.5	12.9	12.7

FII Includes depository receipts

# CMP: INR532 TP: INR625 (+18%)

Buy

COVID-19 impacts sales in EMs/US/ROW

# Margins remain steady despite decline in most business segments

- The COVID-19 pandemic impacted YoY sales growth across markets, barring India. However, higher reduction in opex helped Sun Pharma (SUNP) to deliver better profitability in 1QFY21. Despite the adverse impact on off-take of its Specialty portfolio due to COVID, SUNP's market share remained intact and gradual recovery is expected over the near-to-medium term.
- We have raised our FY21/FY22E EPS estimates by 9.5%/3% to factor in the reduced operating cost and outperformance in DF. We remain positive on SUNP due to the gradually improving outlook for its Specialty portfolio, robust ANDA pipeline, and increasing market share in India and other emerging markets (EMs). We have revised our price target to INR635 (from INR525 earlier) on 24x 12-month forward earnings. Maintain **Buy**.

# Benefit of superior product mix offset by higher employee cost

- SUNP's 1QFY21 sales were down 10% YoY to INR75.7b (v/s est. INR83.2b), led by (a) lower US sales at USD282m (29% of sales; down 33.5% YoY in CC terms), (b) high base of past year, and (c) 10% YoY decline in EM sales to USD173m (18% of sales). ROW sales were down 18.5% YoY (14% of sales).
- This was offset to some extent by 3.2% YoY growth in India sales to INR24b (32% of sales) and 20% YoY growth in API sales to INR5.5b (7% of sales).
- Gross margin (GM) was up 340bp YoY to 73.6% due to better product mix.
- However, EBITDA margin was flat YoY at 22% (v/s est. 18.8%). This was due to higher staff expense (+490bp as % of sales), partially offset by lower other expenditure (-160bp YoY as % of sales).
- EBITDA was down 9% YoY to INR16.5b (v/s est. INR15.6b).
- SUNP had exceptional items of INR36b. Minority interest (MI) stood at INR8.3b, related to one-time settlement charge for global resolution of the Department of Justice's investigations into the US generic pharma industry.
- PBT before exceptional items was down 13% YoY to INR13.7b (largely in line with EBITDA decline). Adjusting for the one-time settlement provisions and associated MI, Adj. PAT was down 13.2% YoY to INR11.5b (v/s est. INR8.9b).

# Highlights from management commentary

- Global Specialty sales at USD78m were down from USD126m QoQ due to reduced off-take of Illumya/Levulan, which are clinically administered products. Cequa also witnessed decline as ophthalmic clinics were closed; However, market share has been intact.
- Absorica LD's progression was gradual, largely due to COVID-19 pandemic.
- SUNP has indicated break-even in some specialty products in FY22E.
- Specialty R&D stood at 39% of total R&D spends. If outlook for clinical studies improve with easing of the lockdown, then R&D spends would rise accordingly.

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

Hitakshi Chandrani (Hitakshi.Chandrani@motilaloswal.com); Bharat Hegde (Bharat.Hegde@motilaloswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report. Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

(INR m)

# Valuation and view

- We have increased our earnings estimate by 9.5%/3% for FY21/FY22E to factor in outperformance in domestic formulations (DF) compared to the industry, coupled with recovery from COVID related disruptions and better margins. Accordingly, we have raised our price target to INR635 (from INR525 earlier) on 24x 12M forward earnings basis.
- We believe SUNP's RoE is at a trough and would improve with 19% earnings CAGR over FY20-22E, led by improving traction in the Specialty portfolio, enhanced MR efforts in DF, and better operating leverage. Maintain **Buy**.

Y/E March		FY2	20			FY2	1E		FY20	FY21E	FY21E	Var
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	%
Net Revenues	82,593	79,492	80,387	80,780	74,672	79,105	85,921	91,112	323,252	330,810	83,181	-10.2
YoY Change (%)	15.7	16.1	5.0	14.7	-9.6	-0.5	6.9	12.8	12.7	2.3	0.7	
Total Expenditure	64,461	63,421	63,953	66,799	58,209	61,702	67,190	71,297	258,634	258,398	67,543	
EBITDA	18,132	16, <b>07</b> 1	16,434	13,982	<b>16,463</b>	17,403	18,731	19,815	64,618	72,412	15,638	5.3
YoY Change (%)	19.2	11.6	-7.1	47.3	-9.2	8.3	14.0	41.7	13.8	12.1	-14	
Depreciation	4,571	4,733	5,470	5,754	4,959	5,210	5,454	5,812	20,528	21,435	5,600	
EBIT	13,560	11,338	10,964	8,228	11,504	12,193	13,277	14,003	44,090	50,977	10,038	
YoY Change (%)	21.1	11.9	-15.6	66.2	-15.2	7.5	21.1	70.2	12.3	15.6	-26.0	
Interest	1,041	839	630	518	520	590	610	708	3,027	2,427	550	
Net Other Income	3,281	3,750	2,361	2,091	2,719	2,550	2,550	2,532	11,483	10,350	2,350	
PBT before EO Exp	15,801	14,249	12,695	9,802	13,703	14,153	15,217	15,827	52,546	58,900	11,838	15.8
Less: EO Exp/(Inc)	-674	-85	-818	4,027	35,542	0	0	0	2,450	35,542	0	
PBT	16,474	14,334	13,513	5,774	-21,839	14,153	15,217	15,827	50,096	23,358	11,838	
Тах	1,461	2,660	3,276	831	2,459	2,265	2,511	2,484	8,228	9,719	1,776	
Rate (%)	9.2	18.7	25.8	8.5	17.9	16.0	16.5	15.7	15.7	16.5	15.0	
PAT (pre Minority Interest)	15,014	11,674	10,237	4,944	-24,298	11,889	12,706	13,343	41,868	13,640	10,062	
Minority Interest	1,139	1,033	1,102	946	-7,742	1,100	1,250	1,392	4,219	-4,000	1,200	
Reported PAT	13,875	10,641	9,135	3,998	- 16,556	10,789	11,456	11,950	37,649	17,640	8,862	-286.8
Adj Net Profit*	13,208	10,556	8,317	7,385	11,460	10,789	11,456	11,951	39,466	45,656	8,862	29.3
YoY Change (%)	34.4	3.5	-11.7	7.4	-13.2	2.2	37.7	61.8	8.7	15.7	-32.9	
Margins (%)	16.8	13.4	11.4	4.9	-22.2	13.6	13.3	13.1	11.6	5.3	10.7	

### **Quarterly Performance (Consolidated)**

### Key performance Indicators (Consolidated)

Y/E March		FY2	0			FY2	1E		FY20	FY21E
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE		
Domestic formulations	23,140	25,148	25,170	23,648	23,884	24,142	25,925	25,579	97,102	99 <i>,</i> 530
YoY Change (%)	7.5	35.2	12.6	114.8	3.2	(4.0)	3.0	8.2	32.1	2.5
US sales	29,680	23,898	24,924	27,129	21,364	24,333	28,490	27,397	105,425	101,585
YoY Change (%)	16.6	(0.3)	(4.4)	(11.8)	(28.0)	1.8	14.3	1.0	(1.2)	(3.6)
ROW+EM	25,270	25,702	24,937	24,752	23,460	25,984	26,677	29,561	100,253	105,682
YoY Change (%)	24.9	20.5	5.7	10.0	(7.2)	1.1	7.0	19.4	13.7	5.4
APIs	4,610	4,680	5,032	4,834	5,537	4,446	4,629	7,901	19,159	22,514
YoY Change (%)	17.0	9.8	18.1	(0.1)	(5.0)	(5.0)	(8.0)	63.4	10.7	17.5
Cost Break-up										
RM Cost (% of Sales)	29.8	28.5	27.4	28.5	26.4	27.0	27.3	27.2	28.2	27.0
Staff Cost (% of Sales)	18.7	20.4	19.3	20.4	23.6	22.7	22.2	21.3	19.7	22.4
R&D Expenses(% of Sales)	5.1	6.1	6.6	6.6	5.6	6.0	6.5	6.8	6.1	6.3
Other Cost (% of Sales)	24.5	24.7	26.4	27.1	22.4	22.3	22.2	22.9	25.7	22.5
Gross Margins(%)	70.2	71.5	72.6	71.5	73.6	73.0	72.7	72.8	71.8	73.0
EBITDA Margins(%)	22.0	20.2	20.4	17.3	22.0	22.0	21.8	21.7	20.0	21.9
EBIT Margins(%)	16.4	14.3	13.6	10.2	15.4	15.4	15.5	15.4	13.6	15.4



# **Conference call highlights**

- Generic pipeline includes 95 ANDAs; 6 NDAs are awaiting approval with the USFDA.
- SUNP continues to update the USFDA on its Halol plant with remediation almost complete. It is engaging with the USFDA on future course of action. Desktop audit could be a possibility.
- The recent regulatory approval for Illumya in Japan is a step toward expanding reach for the product.
- SUNP launched 10 products in India in 1QFY21.
- There has been saving in branding/promotions due to the lockdown. However, the company expects expenses to return once normal operations resume.
- Expansion of field force in India is nearing completion.
- Chronic share in DF is 50% and this segment was up 10% YoY in 1QFY21. Semichronic/Acute categories have declined in 1QFY21.

#### **Exhibit 1: Taro Financials - TARO FINANCIALS**

USD M	1QFY21	1QFY20	% YoY	4QFY20	% QoQ
Sales	117.6	161.3	-27.1	174.9	-32.8
Growth (%)					
Cost of sales (incl Depn)	52.7	59.6	-11.6	72.7	-27.5
Gross profit	64.9	101.7	-36.1	102.3	-36.5
GP Margin (%)	55.2	63.1	(784)bp	58.5	(325)bp
Operating expenses:					
R&D	12.9	13.4	-3.5	15.8	-18.1
R&D as a % of sales	11.0	8.3		9.0	
SG&A	501.2	19.7	2444.0	29.3	1612.8
SG&A as a % of sales	426.0	12.2		16.7	
Operating Profit	-449.2	68.6	-754.7	57.2	-885.1
Operating Profit Margin (%)	-381.8	42.5	(42,436)bp	32.7	(41,453)bp
EBITDA	-443.6	72.6	-711.4	62.5	-809.8
EBITDA margin (%)	-377.1	45.0	(42,207)bp	35.7	(41,281)bp
Financial expenses	-7.3	-9.6		-6.6	
Extraordinary items incl forex	-0.2	-7.9		-3.7	
Other income	0.5	0.6		0.8	
РВТ	-441.1	86.7	-608.8	68.3	-745.4
Taxes	8.9	20.4		13.9	
Effective tax rate (%)	-2.0	23.5		20.3	
Net income before MI	-450.0	66.3	-778.8	54.4	-926.5
Minority interest	-15.0	-0.1		0.2	
Net income (Reported)	-434.9	66.3	-755.5	54.2	-902.2
Forex fluctuations	0.0	7.9		3.7	
Net income (Adjusted)	-434.9	58.4	-844.1	50.5	-960.9

Source: MOFSL, Company

# Valuation and view

# US (29% of sales): Severe COVID impact on Specialty and Taro businesses

SUNP continues to focus on marketing efforts for the Specialty portfolio, comprising 9 products for Derma/Ophthalmic indications. However, the COVID led slowdown has impacted product off-take. Particularly, the impact was more in case of Illumya/Levulan, which are clinically administered products. The closure of Ophthalmic clinics impacted off-take of Cequa. Accordingly, SUNP reported sales of ~USD78m for 1QFY21 from these products at a global level. Considering that market share remains intact, SUNP is continuing its efforts to

# MOTILAL OSWAL

build more traction in its Specialty portfolio. We expect Specialty sales to revive with easing of the lockdown. Even Taro's performance was impacted due to COVID, resulting in sales decline of 27% YoY in 1QFY21.

In the generics segment, SUNP filed 7 ANDAs and received 8 approvals in 1QFY21, in line with it filing pace in the US. The ANDA pipeline remains robust, with 95 ANDAs pending approval. We expect US sales to show moderate growth of 4% CAGR over FY20-22E.

# DF (34% of sales): On track to improve market share

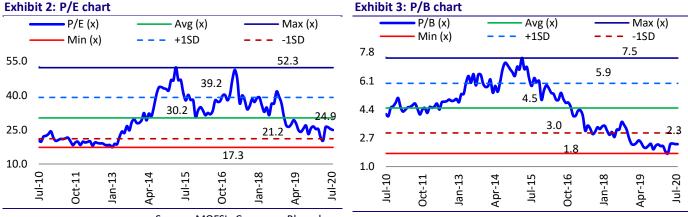
SUNP delivered 3% YoY growth in 1QFY21 despite challenging market conditions on account of COVID. The industry declined by mid-to-high single-digits in 1QFY21 on YoY basis. Even in this adverse scenario, SUNP launched 10 products in this quarter. Use of digital marketing platform kept promotional costs under control. Based on its established presence in Chronic category, new launches in both Acute/Chronic categories, SUNP is well placed to outperform the industry over the next 2-3 years. Considering the COVID led slowdown, we expect moderate 6% CAGR in India sales over FY20-22E.

# Increased traction in existing products to drive growth in EM/ROW market

The key markets of EM are Brazil, Russia, Romania, and Thailand. Decline in ROW/EM markets was due to lower tender business and sales in Japan. We expect 9% sales CAGR over FY20-22E in this segment, led by increased traction in existing products.

# Valuation and view

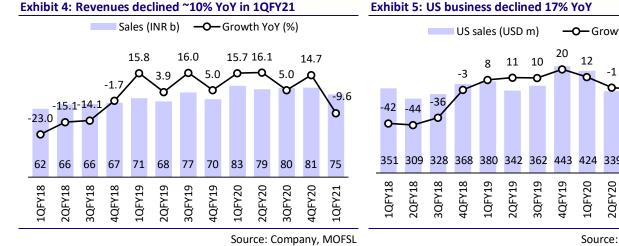
- We have increased our earnings estimate by 9.5%/3% for FY21/FY22E to factor in DF outperformance (v/s industry) coupled with recovery from COVID related disruptions and gradual improvement in the Specialty portfolio segment. SUNP is gaining market share in the DF business. With enhanced MR efforts the company intends to further strengthen its franchise. Accordingly, we have raised our price target to INR635 (from INR525earlier) on 24x (from 22x) 12M forward earnings basis.
- We believe SUNP's RoE is at a trough and would improve with 19% earnings CAGR over FY20-22E, led by improving traction in the Specialty portfolio, enhanced MR efforts in DF and better operating leverage. Maintain **Buy**.



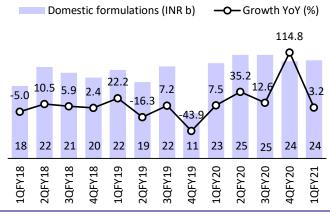
Source: MOFSL, Company, Bloomberg

Source: MOFSL, Company, Bloomberg

# Story in charts

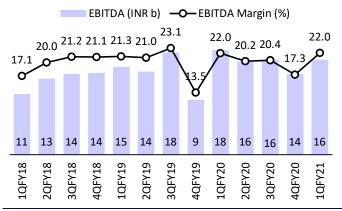


### Exhibit 6: 3% YoY growth seen in India sales in 1QFY21



Source: Company, MOFSL

# **Exhibit 8: EBITDA margins were flat YoY**



Source: Company, MOFSL

### Exhibit 5: US business declined 17% YoY



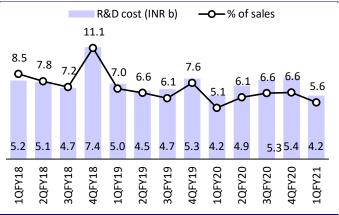
Source: Company, MOFSL

#### Exhibit 7: Taro sales saw decline of 27% YoY



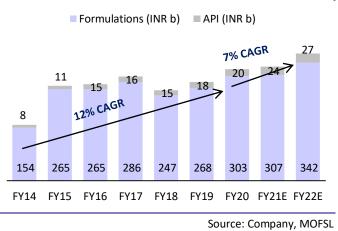
Source: Company, MOFSL

### Exhibit 9: R&D was 5.6% of sales in 1QFY21

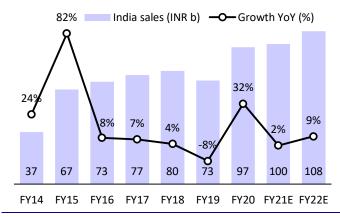


Source: Company, MOFSL

# Exhibit 10: Expect revenue CAGR of 7% over FY20-22E







Source: Company, MOFSL



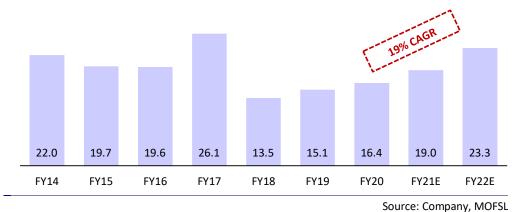
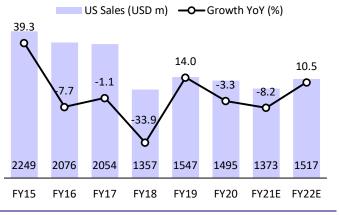
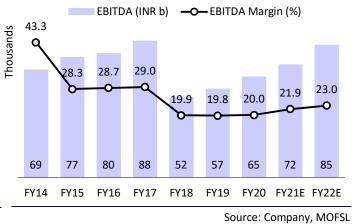


Exhibit 11: US Generics to see muted growth over FY20-22E



Source: Company, MOFSL





# **Financials and valuations**

Income Statement									(INR M)
Y/E March	2014	2015	2016	2017	2018	2019	2020	2021E	2022E
Net Sales	160,044	272,865	277,442	302,642	260,659	286,863	323,252	330,810	369,311
Change (%)	42.4	70.5	1.7	9.1	-13.9	10.1	12.7	2.3	11.6
Total Expenditure	90,787	195,667	197,881	214,892	208,813	230,063	258,634	258,398	284,241
% of Sales	56.7	71.7	71.3	71.0	80.1	80.2	80.0	78.1	77.0
EBITDA (INR b)	69,257	77,198	79,561	87,751	51,846	56,800	64,618	72,412	85,070
Margin (%)	43.3	28.3	28.7	29.0	19.9	19.8	20.0	21.9	23.0
Depreciation	4,092	11,947	10,135	12,648	14,998	17,533	20,528	21,435	21,984
EBIT	65,165	65,250	69,426	75,103	36,848	39,267	44,090	50,977	63,085
Int. and Finance Charges	442	5,790	4,769	3,998	5,176	5 <i>,</i> 553	3,027	2,427	2,127
Other Income - Rec.	6,282	6,946	9,848	19,374	12,623	14,051	11,483	10,350	11,000
Extra-ordinary Exp	25,174	2,378	6,852	0	9,505	9,664	2,450	35,542	0
PBT	45,831	64,029	67,653	90,479	34,790	38,102	50,096	23,358	71,958
Тах	7,022	9,147	9,349	12,116	8,452	6,009	8,228	9,719	10,794
Tax Rate (%)	15.3	14.3	13.8	13.4	24.3	15.8	16.4	41.6	15.0
Profit after Tax	38,809	54,882	58,304	78,363	26,338	32,093	41,868	13,640	61,164
Change (%)	11.9	41.4	6.2	34.4	-66.4	21.9	30.5	-67.4	348.4
Margin (%)	24.2	20.1	21.0	25.9	10.1	11.2	13.0	4.1	16.6
Less: Mionrity Interest	7375	9488	11145	8719	4722	5439	4219	-4000	5000
Reported PAT	31,434	45,394	47,159	69,644	21,616	26,654	37,649	17,640	56,164
Adjusted PAT (excl. Ex. Items)	52,813	47,415	47,069	62,890	32,362	36,318	39,466	45,656	56,164

Balance Sheet								(IN	R Million)
Y/E March	2014	2015	<b>2016</b>	2017	2018	<b>2019</b>	2020	2021E	2022E
Equity Share Capital	2,071	2,406	2,407	2,399	2,399	2,399	2,399	2,399	2,399
Total Reserves	183,178	253,826	327,418	363,997	378,606	411,691	450,245	451,378	496,875
Net Worth	185,249	256,232	329,825	366,397	381,006	414,091	452,645	453,777	499,274
Minority Interest	19,212	28,661	40,853	37,909	38,842	33,135	38,602	34,602	39,602
Deferred Liabilities	-9110	-17516	-30462	-21780	-19748	-24506	-31172	-31172	-31172
Total Loans	24,982	77,827	83,164	80,910	97,518	98,934	75,783	55,077	40,177
Capital Employed	220,333	345,203	423,379	463,435	497,617	521,654	535,858	517,900	553,497
Gross Block	63,886	130,369	123,033	133,994	155,630	181,846	207,774	240,630	270,630
Less: Accum. Deprn.	28,904	60,617	47,201	49,041	64,040	81,572	102,100	123,535	145,519
Net Fixed Assets	34,982	69,752	75,831	84,953	91,590	100,274	105,674	117,095	125,111
Capital WIP	8,415	20,386	12,035	15,648	14,345	9,108	6,589	7,248	7,973
Goodwill	33,191	57,073	92,611	104,165	107,243	123,095	128,409	128,409	128,409
Investments	27,860	27,163	11,161	9,610	30,523	39,518	52,458	52,458	52,458
Curr. Assets	177,393	297,403	332,175	374,799	377,390	349,394	357,642	331,889	375,205
Inventory	31,230	56,680	64,225	68,328	68,807	78,860	78,750	87,456	100,093
Account Receivables	22,004	53,123	67,757	72,026	78,153	88,842	94,212	98,150	114,397
Cash and Bank Balance	75,902	109,980	131,817	151,408	99,294	72,756	64,876	8,935	14,873
L & A and Others	48,257	77,619	68,377	83,036	131,136	108,937	119,804	142,962	151,457
Curr. Liability & Prov.	61,509	126,574	100,434	125,739	123,473	99,736	114,913	124,813	141,272
Account Payables	15,887	59,198	51,741	73,469	68,332	66,108	70,102	73,280	82,009
Provisions	45,622	67,376	48,693	52,270	55,141	33,627	44,812	51,534	59,264
Net Current Assets	115,884	170,828	231,742	249,060	253,916	249,659	242,728	207,076	233,932
Appl. of Funds	220,333	345,203	423,379	463,435	497,617	521,654	535,858	517,900	553,497

# **Financials and valuations**

Ratios									
Y/E March	2014	2015	2016	2017	2018	2019	2020	<b>2021</b> E	2022E
Adjusted EPS	22.0	19.7	19.6	26.1	13.5	15.1	16.4	19.0	23.3
Cash EPS	14.8	23.8	23.8	34.2	15.2	18.4	24.2	16.2	32.5
BV/Share	77.0	106.5	137.1	152.3	158.4	172.1	188.1	190.9	209.8
DPS	2.6	3.0	3.0	1.0	3.3	2.0	3.5	1.5	3.8
Payout (%)	18.7	15.4	14.9	3.7	36.5	18.0	23.5	30.9	17.4
Valuation (x)									
P/E	24.5	27.3	27.5	20.6	40.0	35.6	32.8	28.4	23.0
P/BV	7.0	5.1	3.9	3.5	3.4	3.1	2.9	2.9	2.6
EV/Sales	7.6	4.5	4.4	4.0	4.8	4.5	3.9	3.9	3.4
EV/EBITDA	17.5	16.0	15.5	13.8	24.3	22.5	19.3	17.8	14.9
Dividend Yield (%)	0.5	0.6	0.6	0.2	0.6	0.4	0.6	0.6	0.7
Return Ratios (%)									
RoE	31.5	21.5	16.1	18.1	8.7	9.1	9.1	10.1	11.8
RoCE	33.4	22.7	18.3	19.0	8.1	9.1	8.9	9.9	11.5
RoIC	55.5	37.8	26.2	23.4	8.7	8.8	9.1	6.9	11.6
Working Capital Ratios									
Fixed Asset Turnover (x)	4.8	5.2	3.8	3.8	3.0	3.0	3.1	3.0	3.0
Debtor (Days)	50	71	89	87	109	113	106	108	113
Creditor (Days)	209	321	291	330	336	307	277	299	296
Inventory (Days)	71	76	84	82	96	100	89	96	99
Leverage Ratio									
Debt/Equity (x)	0.2	0.3	0.3	0.2	0.3	0.3	0.0	0.1	0.1

#### **Cash Flow Statement** (INR M) Y/E March 2014 2015 2016 2017 2018 2019 2020 2021E 2022E OP/(Loss) bef. Tax 44,083 74,820 72,709 87,751 42,341 47,136 62,168 36,870 85,070 Int./Dividends Recd. 6.946 19,374 11,000 6,282 9.848 12,623 14,051 11.483 10,350 **Direct Taxes Paid** -9,010 -17,553 -22,295 -3,434 -6,420 -10,767 -14,894 -9,719 -10,794 (Inc)/Dec in WC -5,589 -20,865 -39,077 2,274 -56,971 -22,280 -950 -25,902 -20,919 **CF from Operations** 35,767 21,185 105,964 -8,427 28,140 57,807 11,600 64,357 43,348 (inc)/dec in FA -18,580 -82,570 -43,401 -36,936 -23,411 -36,831 -28,723 -33,515 -30,725 **Free Cash Flow** 17,187 -39,223 -22,216 69,028 -31,838 -8,691 29,084 -21,914 33,632 (Pur)/Sale of Invest. -3,745 697 16,002 1,551 -20,913 -8,996 -12,939 0 0 **CF** from investments -22,324 -81,873 -27,399 -35,385 -44,324 -45,827 -41,663 -33,515 -30,725 -41,838 -1,195 11,978 Change in networth 6,674 33,994 36,170 1,062 -6,682 0 (Inc)/Dec in Debt 22,910 52,845 5,337 -2,254 16,608 1,416 -23,151 -20,706 -14,900 **Interest Paid** -442 -5,790 -4,769 -3,998 -5,176 -5,553 -3,027 -2,427 -2,127 -7,270 **Dividend Paid** -8,445 -8,689 -2,897 -9,601 -5,777 -9,825 -4,211 -10,667 **CF from Fin. Activity** 21,872 72,605 28,049 -<mark>50,987</mark> -**8,851** -24,025 -34,026 -**27,695** 636 -55,940 Inc/Dec of Cash 35,315 34,079 21,836 19,592 -52,115 -26,538 -7,880 5,937 Add: Beginning Balance 8,935 40,587 75,902 109,980 131,817 151,408 99,294 72,756 64,876 **Closing Balance** 75,902 109,981 131,816 151,408 99,294 72,756 64,876 8,935 14,873

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 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, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd. (PIMPL). 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%200f%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%200f%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 http m/ResearchAnalyst/PublishViewLitigation.aspx

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

#### Regional Disclosures (outside India)

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

#### For Hong Kong:

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

#### For U.S.

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

- 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. 1
- 2 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 3
- 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 5
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months 6
- 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 8

9 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 10

#### The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- 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. 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 71934200/ 022-71934263; Website www.motilaloswal.com.CIN no.: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai- 400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)\*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579; PMS: INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a group company of MOFSL. Motifal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance Products and IPOs. Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No.:022-71881085.

\* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.