

Marico

Buy

Estimate changes	1
TP change	1
Rating change	—

Bloomberg	MRCO IN
Equity Shares (m)	1,290
M.Cap.(INRb)/(USDb)	531.9 / 7.3
52-Week Range (INR)	435 / 234
1, 6, 12 Rel. Per (%)	2/-8/9
12M Avg Val (INR M)	1140

Financials & Valuations (INR b)

Y/E March	2020	2021E	2022E 2	2023E									
Sales	73.2	78.3	88.3	99.2									
Sales Gr. (%)	-0.3	7.0	12.7	12.5									
EBITDA	14.7	16.1	18.1	20.7									
EBITDA Margin. %	20.1	20.6	20.6	20.9									
Adj. PAT	10.5	11.2	12.6	14.7									
Adj. EPS (INR)	8.1	8.7	9.8	11.4									
EPS Gr. (%)	13.4	6.4	13.1	16.2									
BV/Sh.(INR)	23.4	30.6	31.7	34.3									
Ratios													
RoE (%)	34.9	32.0	31.5	34.5									
RoCE (%)	33.0	30.4	29.7	32.3									
Payout (%)	98.1	88.5	89.5	77.1									
Valuations													
P/E (x)	50.6	47.5	42.0	36.2									
P/BV (x)	17.6	13.4	13.0	12.0									
EV/EBITDA (x)	35.7	32.1	28.5	24.9									
Div. Yield (%)	1.9	1.9	2.1	2.1									

Shareholding pattern (%)

As On	Dec-20	Sep-20	Dec-19
Promoter	59.6	59.6	59.6
DII	10.2	10.4	9.7
FII	24.3	23.7	23.9
Others	6.0	6.2	6.8

FII Includes depository receipts

Impressive topline growth, likely to sustain

Brief overview of 3QFY21 result and stock

CMP: INR412

Led by domestic volume growth of 15% (its highest in 34 quarters), MRCO exceeded expectations on the sales front, a trend that is likely to continue for the next few quarters, with all key segments doing well and a weak base in the next couple of quarters.

TP: INR490 (+19%)

- Istrong momentum in key segments, increased confidence, and new launches in foods led us to forecast ~12% revenue CAGR between FY21-FY23E, much higher than the 5% CAGR witnessed over FY15-20. At the same time, judicious price increases and expected reduction in commodity costs from current elevated levels would result in an improvement in operating margin, which were below expectations in 3QFY21, going forward.
- While the stock has appreciated nearly 60% since our upgrade to Buy in Mar'20, valuations of 42x/36.2x FY22E/FY23E are inexpensive. The stock will re-rate further, if the company can elevate its EPS CAGR to 15-20% over the next few years. Maintain BUY.

Significant beat on estimates

- MRCO's 3QFY21 consolidated net sales grew 16.3% YoY to INR21.2b (v/s our estimate of INR20b). The domestic business grew 16.2% YoY. Consolidated EBITDA grew 10.7% YoY to INR4.1b (in line). PBT grew 10.1% YoY to INR3.9b (in line). Adjusted PAT grew 12.9% YoY to INR3.1b (v/s our estimate of INR2.7b).
- Consolidated gross margin contracted 220bp YoY to 46.9% (v/s our estimate of 48.5%). As a percentage of sales, A&P expenses fell 100bp YoY to 9.1% (absolute A&P spends up 4.3% YoY). Other expenses too declined 80bp to 11.4%. Staff cost marginally increased (60bp) to 7%. EBITDA margin contracted 90bp YoY to 19.5%.
- Standalone business: Net sales grew 16.2% YoY. EBITDA/adjusted PAT grew 5.9%/8.5% YoY. EBITDA margin contracted 180bp YoY to 18.2%. The domestic business reported volume growth of 15% (v/s our estimate of 10%). This was the highest quarterly domestic volume growth in the last 34 quarters.
- 9MFY21 sales/EBITDA/PAT grew 3.7%/6.9%/11.4% YoY.

Highlights from the management commentary

- In 3QFY21, rural grew 24% YoY, well ahead of the 10% growth in urban. The management expects rural outperformance to sustain.
- Aided by strong momentum and weak base, the company is targeting ~20% sales growth, with mid-teen volume growth, over the next two quarters.
- MRCO has taken ~15% price increase in VAHO owing to higher material costs, which the management believes is transient.
- The management expects copra costs to be flat YoY in FY22. By Apr-May'21, it expects segmental margin to return to Oct-Nov'20 levels.

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Valuation and view

■ There is no material change in our EPS forecasts. Ongoing volume growth momentum in each of its core segments and significantly high growth targets in the Foods portfolio is encouraging. As highlighted in our management meet note in Jun'20, traction in both topline and margin growth is encouraging v/s earlier fears of an EPS decline in FY21.

■ While the jury is still out on the likely success of new product development, which would elevate MRCO's medium-to-longer term earnings trajectory and valuation multiples, the stock at 42x/36.2x FY22E/FY23E EPS appears to still provide healthy upside over next year, with superior outlook than most peers and a far less volatile international business. We target 43x FY23E EPS, which gives us a TP of INR490/share, implying a 19% upside. Maintain Buy.

Quarterly performance												(INR m)
Y/E March		FY:	20			FY21				FY21E	3QFY21E	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE				(%)
Domestic volume growth (%)	6.0	1.0	-1.0	-3.0	-14.0	11.0	15.0	15.4	0.8	6.8	10.0	
Net Sales	21,660	18,290	18,240	14,960	19,250	19,890	21,220	17,941	73,150	78,301	19,973	6.2%
YoY Change (%)	6.9	-0.4	-2.0	-7.0	-11.1	8.7	16.3	19.9	-0.3	7.0	9.5	
Gross Profit	10,290	9,080	8,960	7,370	9,410	9,550	9,950	8,313	35,470	37,223	9,691	
Gross margin (%)	47.5	49.6	49.1	49.3	48.9	48.0	46.9	46.3	48.5	47.5	48.5	
EBITDA	4,610	3,530	3,730	2,820	4,670	3,890	4,130	3,446	14,690	16,136	4,104	0.6%
Margin (%)	21.3	19.3	20.4	18.9	24.3	19.6	19.5	19.2	20.1	20.6	20.5	
YoY Change (%)	26.0	15.7	3.9	-4.1	1.3	10.2	10.7	22.2	10.9	9.8	10.0	
Depreciation	350	350	320	380	340	330	360	370	1,400	1,400	352	
Interest	120	130	120	130	90	80	70	46	500	286	102	
Other Income	280	350	290	320	190	270	240	252	1,240	952	299	
PBT	4,420	3,400	3,580	2,630	4,430	3,750	3,940	3,282	14,030	15,402	3,949	-0.2%
Tax	1,150	880	820	530	1,030	690	820	1,346	3,310	3,886	1,185	
Rate (%)	26.0	25.9	22.9	20.2	23.3	18.4	20.8	41.0	23.6	25.2	30.0	
Minority Interest	70	50	40	60	90	90	50	110	220	340	80	
Adjusted PAT	3,200	2,470	2,720	2,040	3,310	2,970	3,070	1,826	10,500	11,176	2,684	14.4%
YoY Change (%)	25.5	16.5	10.6	-3.3	3.4	20.2	12.9	-10.5	13.4	6.4	-1.3	

E: MOFSL estimates

Key Performance Indicators

Y/E March		FY2	.0			FY21	
	1Q	2Q	3Q	4Q	1Q	2Q	3 Q
Volume growth (%)							
Parachute rigid	9.0	-1.0	-2.0	-8.0	-11.0	10.0	8.0
Saffola (Refined Edible Oil)	3.0	1.0	11.0	25.0	16.0	20.0	17.0
VAHO	7.0	0.0	-7.0	-11.0	-30.0	4.0	21.0
Domestic	6.0	1.0	-1.0	-3.0	-14.0	11.0	15.0
International	6.0	10.0	12.5	-7.0	-8.0	-8.0	10.0
Overall	6.0	3.0	2.0	-4.0	-12.6	6.6	13.9
Value growth (%)							
Parachute rigid	8.0	-4.0	-5.0	-12.0	-12.0	8.0	9.0
Saffola (Refined Edible Oil)	6.0	5.0	13.0	25.0	16.0	16.0	26.0
VAHO	11.0	-6.0	-17.0	-18.0	-32.0	-1.0	21.0
Domestic	6.0	-3.0	-5.0	-8.0	-15.0	8.0	18.0
International	9.0	8.0	8.0	-5.0	2.0	12.0	11.0
International cc	7.0	9.0	10.0	-6.0	-4.0	7.0	8.0
Overall	6.7	-0.6	-2.2	-7.3	-11.1	8.9	16.5
2Y average growth (%)							
Sales	13.7	9.6	6.3	0.8	-2.1	4.2	7.2
EBITDA	19.3	16.7	11.5	6.2	13.6	13.0	7.3

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Y/E March		FY	20			FY21	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q
PAT	17.7	16.7	11.1	6.8	14.5	18.4	11.7
% of Sales							
COGS	52.5	50.4	50.9	50.7	51.1	52.0	53.1
Operating Expenses	26.2	30.3	28.7	30.4	24.6	28.5	27.4
Depreciation	1.6	1.9	1.8	2.5	1.8	1.7	1.7
YoY change (%)							
COGS	-2.8	-10.4	-7.2	-7.4	-13.5	12.3	21.4
Operating Expenses	15.7	10.1	4.2	-8.1	-16.5	2.0	11.3
Other Income	16.7	20.7	31.8	14.3	-32.1	-22.9	-17.2
EBIT	27.2	16.1	4.0	-4.3	1.6	11.9	10.6

E: MOFSL Estimates

Exhibit 1: Overall volumes grew 13.9% and India business volumes rose 15% in 3QFY21

	3QF	3QFY20		4QFY20		1QFY21		2QFY21		3QFY21	
Segment growth (%)	Volume	Value									
Parachute Rigid	(2)	(5)	(8.0)	(12.0)	(11.0)	(12.0)	10.0	8.0	8.0	9.0	
Saffola (Refined Edible Oil)	11	13	25.0	25.0	16.0	16.0	20.0	16.0	17.0	26.0	
Value added hair oils	(7)	(17)	(11.0)	(18.0)	(30.0)	(32.0)	4.0	(1.0)	21.0	21.0	
Domestic Business	(1)	(5)	(3.0)	(8.0)	(14.0)	(15.0)	11.0	8.0	15.0	18.0	

Source: Company, MOFSL

Exhibit 2: Domestic volumes grew 15% in 3QFY21

Exhibit 3: Parachute rigid volumes grew 8% ■ Domestic volume growth (%) Parachute rigid volume growth (%) 12.0 (3.0) (1.0)(2.0) Dec-18 Sep-18 Mar-19

Source: MOFSL, Company

Exhibit 4: Saffola (Refined Edible Oil) volumes up 17%

■ Saffola (Refined Edible Oil) volume growth (%) ■ VAHO volume growth (%) Sep-18 Jun-19 Dec-18 Mar-19 Sep-18 Source: MOFSL, Company

Source: MOFSL, Company

3 28 January 2021

Source: MOFSL, Company

Exhibit 5: VAHO volumes up 21%

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Exhibit 6: Consolidated segmental details

	3QFY19	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21
Sales growth (%)									
Domestic	12.8	7.2	6.3	(2.8)	(4.8)	(7.6)	(14.5)	7.9	17.9
International	21.2	14.2	9.0	8.3	7.9	(5.1)	2.3	11.6	11.5
Total	14.6	8.7	6.9	(0.4)	(2.0)	(7.0)	(11.1)	8.7	16.3
EBIT margins (%)									
Domestic EBIT margins	19.7	19.4	21.1	19.2	21.6	20.8	24.2	19.4	20.0
International EBIT margins	19.1	16.3	24.4	20.4	19.1	16.3	28.1	21.6	19.4
Total	19.6	18.6	21.7	19.5	21.0	19.7	25.1	19.9	19.8

Source: Company, MOFSL



Highlights from the conference call

Macro, what is working and outlook

- The demand environment is encouraging on all fronts.
- In 3QFY21, rural grew 24% YoY, well ahead of the 10% growth in urban. The management expects rural outperformance to sustain.
- Over 20% domestic revenue growth is likely in 4QFY21, with mid-teen volume growth.
- Factors that worked for MRCO are: 1) focus on getting a few things right quality v/s quantity; 2) getting general trade efficiency right despite sales growth, stock levels in GT are now at CY16 levels; 3) broad based growth in VAHO targeted rather than a singular focus on Shanti Amla; and 4) innovation in categories with large addressable market (targeting 2-3 more INR1b opportunities in foods over the next three years).

Segmental highlights

- Parachute witnessed 9% value growth (8% volume growth), VAHO witnessed 21% value growth (21% volume growth), and Saffola reported 26% growth (17% volume growth).
- The company has taken a 15% price increase in **VAHO** owing to higher material cost, which the management believes is transient.
- **Saffola Honey** The sales target of INR1b by the end of FY22 is remarkable for a business that was launched only a few months ago.
- **Foods:** The management is tapping the healthy food trend. It is entering the mid-size segment (INR6-15b category sales), with just one large incumbent in most cases. The category also offers significant scale advantages.
- Masala Oats have reached critical size. With backward integration and scale advantages, MRCO can improve margin significantly over the next 1-2 years.
- The **Foods** category would have a turnover of INR3.5b at the end of FY21. The management is targeting a turnover of INR4.5-5b in FY22.
- Entered Soya chunks, a INR20b category, with an INR8b branded segment (largely fragmented).
- MRCO has defocused from the Hygiene category given the tapering down of demand in this space.

Costs and margin

The management expects copra costs to be flat YoY in FY22. By Apr-May'21, it expects segmental margin to return to Oct-Nov'20 levels.

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It sees structural cost savings of INR1.5b/INR500m in the India/international business. Factors leading to this growth are: a) reduced wastages, b) rationalized 26% SKUs, c) marketing and sales contracts, including outsourced contracts, and d) hybrid working environment.

 Higher employee costs – Beardo costs were not in the base. The company offered higher incentives to employees owing to its stellar performance. The same would be higher for 4QFY21 as well.

Valuation and view

What has happened in the last 10 years?

- In key categories such as Coconut Oil and VAHO, MRCO reported healthy sales growth, with volume growth in Parachute actually improving in recent years.
- In Saffola Foods (oats), the company was able to strengthen its market share. It grew significantly in the Masala Oats category.
- Growth in Saffola (edible oil brand) has tapered off in recent years as a result of strategic mistakes in terms of pricing and due to the company being unable to cater to the recently emerged Super Premium market segment.
- Similarly, the brands acquired from Paras/Reckitt Livon, Set Wet, and Zatak have not scaled up as expected despite a higher growth potential.
- Topline and earnings growth have, nevertheless, been healthy over the past 10 years, with ~11%/15%/16% topline/EBITDA/PAT CAGR. Over the past five years, growth has been healthy, but has tapered off compared to the past, with ~5%/11%/~13% sales/EBITDA/PAT growth.

Our view on the stock

- There is no material change in our EPS forecasts. Ongoing volume growth momentum in each of its core segments and significantly high growth targets in the Foods portfolio is encouraging. As highlighted in our management meet note in Jun'20, traction in both topline and margin growth is encouraging v/s earlier fears of an EPS decline in FY21.
- While the jury is still out on the likely success of new product development, which would elevate MRCO's medium-to-long term earnings trajectory and valuation multiples, the stock at 42x/36.2x FY22E/FY23E EPS appears to still provide healthy upside over next year, with superior outlook than most peers and a far less volatile international business. We target 43x FY23E EPS, which gives us a TP of INR490/share, implying a 19% upside. Maintain Buy.

Exhibit 7: 2.2%/0.9%/1.2% change in FY21E/FY22E/FY23E EPS estimates

INR m		Old			New		Change			
	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	
Sales	75,760	87,114	98,411	78,301	88,255	99,245	3.4%	1.3%	0.8%	
EBITDA	15,806	17,987	20,520	16,136	18,140	20,727	2.1%	0.9%	1.0%	
PAT	10,933	12,531	14,511	11,176	12,642	14,686	2.2%	0.9%	1.2%	

Source: Company, MOFSL

Exhibit 8: MRCO's P/E (x)

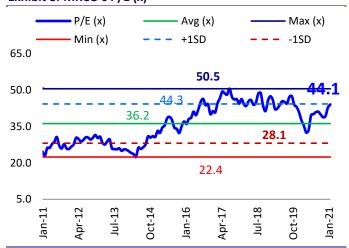
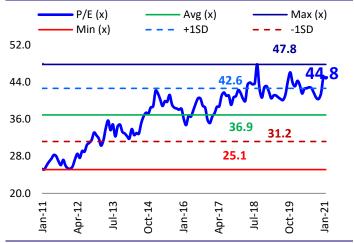


Exhibit 9: Consumer sector P/E (x)



Source: Company, MOFSL

Source: Company, MOFSL

Financials and valuations

Net Sales	Income Statement								(INR m)
Change (%) 5.0	Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
COGS 30,887 28,472 33,720 40,170 37,680 41,078 48,081 54,236 Gross Profit 29,286 30,700 29,500 33,170 35,470 37,223 40,174 45,011 Margin (%) 48.7 51.9 46.7 45.2 48.5 47.5 45.5 45,18 EBITDA 10,514 11,593 11,370 11,520 14,690 16,136 18,100 20,222 Change (%) 20.8 10.3 1.9 16.5 10.9 9.8 12.4 14.54 Margin (%) 17.5 19.6 18.0 18.1 20.1 20.6 200.6 200.6 200.6 200.6 200.6 200.6 200.6 200.6 200.6 200.0 208.6 11.4 14.0 14.00 1,700 1,780 1,881 11.0 14.00 1,700 1,780 1,881 1.0 1,780 1,930 2,900 20.0 20.0 20.0 20.0 20.0 20.0	Net Sales	60,173	59,178	63,220	73,340	73,150	78,301	88,255	99,245
Gross Profit 29,286 30,706 29,500 33,170 35,470 37,223 40,174 45,011 Margin (R) 48,7 51,9 46,7 45,2 48,5 47,5 45,5	Change (%)	5.0	-1.7	6.8	16.0	-0.3	7.0	12.7	12.5
Margin (%)	COGS	30,887	28,472	33,720	40,170	37,680	41,078	48,081	54,230
Operating Expenses 18,773 19,113 18,130 19,202 20,780 21,087 22,034 24,288 EBITDA 10,514 11,593 11,370 13,250 14,690 16,136 18,140 20,25 Change (%) 20.8 10,3 -1.9 15.5 10.9 9.8 12.4 14.5 Margin (%) 17.5 19.6 18.0 18.1 20.1 20.6 20.6 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 11.4 11.4 10.0 1,00 1,00 1,00 1,00 1,00 1,00 1,76 18.0 1.1 10.0 1,00 1,76 1.1 11.5	Gross Profit	29,286	30,706	29,500	33,170	35,470	37,223	40,174	45,015
EBITDA	Margin (%)	48.7	51.9	46.7	45.2	48.5	47.5	45.5	45.4
Change (%) 20.8 10.3 -1.9 16.5 10.9 9.8 11.4 14.1	Operating Expenses	18,773	19,113	18,130	19,920	20,780	21,087	22,034	24,288
Margin (%)	EBITDA	10,514	11,593	11,370	13,250	14,690	16,136	18,140	20,727
Depreciation 949 903 890 1,310 1,400 1,400 1,780 1,580 1,030 1,140 1,400 1,780 1,580 1,030 1,140 952 1,261 1,500 1,500 1,500 2,500	Change (%)	20.8	10.3	-1.9	16.5	10.9	9.8	12.4	14.3
Int. and Fin. Charges 206	Margin (%)	17.5	19.6	18.0	18.1	20.1	20.6	20.6	20.9
Other Income - Recurring 933 973 850 1,030 1,240 952 1,261 1,560 Profit before Taxes 10,292 11,497 11,170 12,570 14,030 15,402 17,363 20,091 Change (%) 27.2 11.7 -2.8 12.5 11.6 9.8 12.7 15.7 Margin (%) 17.1 19.4 17.7 17.1 19.2 19.7 19.7 20.1 Current Tax (excl MAT Ent) 2.503 2.922 2.84 3,310 3,470 3,809 4,944 4,977 Deferred Tax 551 455 60 -180 -160 77 87 100 Tax Rate (%) 29.7 29.4 26.0 24.9 23.6 25.2 <td>Depreciation</td> <td>949</td> <td>903</td> <td>890</td> <td>1,310</td> <td>1,400</td> <td>1,400</td> <td>1,780</td> <td>1,890</td>	Depreciation	949	903	890	1,310	1,400	1,400	1,780	1,890
Profit before Taxes 10,292 11,497 11,170 12,570 14,030 15,402 17,363 20,097 Change (%) 27.2 11.7 -2.8 12.5 11.6 9.8 12.7 15.3 Margin (%) 17.1 19.4 17.7 17.1 19.2 19.7 19.7 20.2 Current Tax (excl MAT Ent) 2,503 2,922 2,840 3,310 3,470 3,809 4,294 4,977 Enferred Tax 551 455 60 -180 -160 77 87 100 Tax Rate (%) 29.7 29.4 26.0 24.9 23.6 25.2 25.2 25.2 Minority Interest 5.5 10 -130 -180 -220 -340 -340 -340 Fprofit after Taxes 7,233 8,110 8,140 9,260 10,500 11,176 12,642 14,686 Change (%) 26.1 12.1 0.4 13.8 13.4 6.4 13.1 16.6 Margin (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.3 14.3 Extraordinary Items 5.5 0 0 1,880 -290 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Int. and Fin. Charges	206	166	160	400	500	286	258	246
Change (%) 27.2 11.7 -2.8 12.5 11.6 9.8 12.7 15.5 Margin (%) 17.1 19.4 17.7 17.1 19.2 19.7 19.7 20.2 Current Tax (excl MAT Ent) 2,503 2,922 2,840 3,310 3,470 3,809 4,294 4,975 Deferred Tax 551 455 60 -180 -160 77 87 100 Tax Rate (%) 29.7 29.4 26.0 24.9 23.6 25.2 25.2 25.2 Minority Interest -5 -10 -130 -180 -220 -340 -340 -340 Profit after Taxes 7,233 8,110 8,140 9,260 10,500 11,176 12,642 14,684 Change (%) 26.1 12.1 0.4 13.8 13.4 6.4 13.1 16.6 Margin (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.8 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Fight (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.8 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Fight (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.5 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Fight (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.5 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Fight (%) 12.0 13.7 12.9 12.90 12.90 12.90 12.90 12.90 Fight (%) 12.0 1,291 1,290 1,290 1,290 1,290 1,290 1,290 1,290 Share Capital 1,290 1,291 1,290 1,290 1,290 1,290 1,290 1,290 1,290 Reserves 18,884 21,966 24,140 28,700 28,940 38,240 39,562 42,238 Minority Interest 143 133 120 110 130 130 130 130 130 130 Loans 3,313 2,388 3,090 3,490 3,550 3,800 4,250 4,700 Gross Fixed Assets 6,119 7,440 8,120 9,140 13,440 14,740 16,040 17,344 Intangibles 328 361 600 550 410 605 605 605 Less: Accum. Depn. -917 1,749 2,480 3,550 5,270 6,570 8,451 10,341 Interest 1,940 4,795 4	Other Income - Recurring	933	973	850	1,030	1,240	952	1,261	1,506
Margin (%)	Profit before Taxes	10,292	11,497	11,170	12,570	14,030	15,402	17,363	20,097
Margin (%)	Change (%)	27.2	11.7	-2.8	12.5	11.6	9.8	12.7	15.7
Current Tax (excl MAT Ent) 2,503 2,922 2,840 3,310 3,470 3,809 4,294 4,977 Deferred Tax 551 455 60 -180 -160 77 87 100 Tax Rate (%) 29.7 29.4 26.0 24.9 23.6 25.2 25.2 25.2 Minority Interest -5 -10 -130 -180 -220 -340 -340 -344 Profit after Taxes 7,233 8,110 8,140 9,260 10,500 11,176 12,642 14,686 Change (%) 26.1 12.1 0.4 13.8 13.4 6.4 13.1 16.7 Margin (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.8 Extraordinary items -5 0 0 1,880 -290 0 0 0 0 Reported PAT 7,228 8,110 8,140 11,140 10,210 11,176 12,642 14,686 Balance Sheet	Margin (%)	17.1	19.4	17.7	17.1	19.2	19.7	19.7	20.2
Deferred Tax		2,503		2,840	3,310		3,809	4,294	4,971
Tax Rate (%) 29.7 29.4 26.0 24.9 23.6 25.2 25.2 25.2 25.2 Minority Interest -5 -10 -130 -180 -200 -341 -344				· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		100
Minority Interest 55 10 -130 -180 -220 -340 -340 -340 -340 Profit after Taxes 7,233 8,110 8,140 9,260 10,500 11,176 12,642 14,680 12,10 12,10 13,11 13,4 6.4 13.1 16.6 13,10 13,10 13,10 14,10 1	Tax Rate (%)	29.7	29.4	26.0	24.9	23.6	25.2	25.2	25.2
Profit after Taxes 7,233 8,110 8,140 9,260 10,500 11,176 12,642 14,686 Change (%) 26.1 12.1 0.4 13.8 13.4 6.4 13.1 16.2 Margin (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.8 Extraordinary items -5 0 0 1,880 -290 0 0 0 Reported PAT 7,228 8,110 8,140 11,140 10,210 11,176 12,642 14,688 Balance Sheet (INR m Y/E March 2016 2017 2018 2019 2020 2021E 2022E 2023I Share Capital 1,290	Minority Interest	-5	-10		-180	-220			-340
Change (%) 26.1 12.1 0.4 13.8 13.4 6.4 13.1 16.2	· · · · · · · · · · · · · · · · · · ·	7,233							14,686
Margin (%) 12.0 13.7 12.9 12.6 14.4 14.3 14.3 14.8 Extraordinary items -5 0 0 1,880 -290 0 0 0 Reported PAT 7,228 8,110 8,140 11,140 10,210 11,176 12,642 14,686 Balance Sheet (INR m V/E March 2016 2017 2018 2019 2020 2021E 2022E 2023I Share Capital 1,290 1,291 1,290									16.2
Extraordinary items -5 0 0 1,880 -290 0 0 0 Reported PAT 7,228 8,110 8,140 11,140 10,210 11,176 12,642 14,688 Balance Sheet (INR m Y/E March 2016 2017 2018 2019 2020 2021E 2022E 2023I Share Capital 1,290 1,291 1,290 <td></td> <td>12.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>14.8</td>		12.0							14.8
Reported PAT 7,228 8,110 8,140 11,140 10,210 11,176 12,642 14,680 Balance Sheet (INR m Y/E March 2016 2017 2018 2019 2020 2021E 2022E 2023I Share Capital 1,290 1,291 1,290									0
Balance Sheet CliNR m Y/E March 2016 2017 2018 2019 2020 2021E 2022E 2023E 2025E 202									14.686
Share Capital 1,290 1,291 1,290 2,212		2015	2047	2040	2010	2020	20245	20225	(INR m)
Reserves 18,884 21,966 24,140 28,700 28,940 38,240 39,562 42,928 Net Worth 20,174 23,257 25,430 29,990 30,230 39,530 40,852 44,218 Minority Interest 143 133 120 110 130 158 60 50									
Net Worth 20,174 23,257 25,430 29,990 30,230 39,530 40,852 44,218 Minority Interest 143 133 120 110 130 <td><u>'</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u>'</u>								
Minority Interest 143 133 120 110 130 130 130 130 Loans 3,313 2,388 3,090 3,490 3,350 3,800 4,250 4,700 Capital Employed 23,630 25,778 28,640 33,590 33,710 43,460 45,232 49,048 Gross Fixed Assets 6,119 7,440 8,120 9,140 13,440 14,740 16,040 17,340 Intangibles 328 361 600 550 410 605 605 605 Less: Accum. Depn. -917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580 580 580 580 580 580 580 580 580 580 580 580 580 58		· · · · · · · · · · · · · · · · · · ·							
Loans 3,313 2,388 3,090 3,490 3,350 3,800 4,250 4,700 Capital Employed 23,630 25,778 28,640 33,590 33,710 43,460 45,232 49,048 Gross Fixed Assets 6,119 7,440 8,120 9,140 13,440 14,740 16,040 17,340 Intangibles 328 361 600 550 410 605 605 605 Less: Accum. Depn. -917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580		<u> </u>	<u> </u>			-			
Capital Employed 23,630 25,778 28,640 33,590 33,710 43,460 45,232 49,048 Gross Fixed Assets 6,119 7,440 8,120 9,140 13,440 14,740 16,040 17,340 Intangibles 328 361 600 550 410 605 605 605 Less: Accum. Depn. -917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580	<i>'</i>								
Gross Fixed Assets 6,119 7,440 8,120 9,140 13,440 14,740 16,040 17,340 Intangibles 328 361 600 550 410 605 605 605 605 Less: Accum. Depn917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital Wilp 367 112 270 450 580 580 580 580 580 Goodwill 4,974 4,795 4,860 5,030 5,380 5,480 5,580 5,680 Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Chers 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,499 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,580 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0		· · · · · · · · · · · · · · · · · · ·						•	
Intangibles 328 361 600 550 410 605 605 605 Less: Accum. Depn. -917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580 580 580 580 Goodwill 4,974 4,795 4,860 5,030 5,380 5,480 5,580 5,680 Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 <td>Capital Employed</td> <td>23,630</td> <td>25,778</td> <td>28,640</td> <td>33,590</td> <td>33,710</td> <td>43,460</td> <td>45,232</td> <td>49,048</td>	Capital Employed	23,630	25,778	28,640	33,590	33,710	43,460	45,232	49,048
Less: Accum. Depn. -917 -1,749 -2,480 -3,250 -5,270 -6,670 -8,451 -10,341 Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580 580 580 580 Goodwill 4,974 4,795 4,860 5,030 5,380 5,480 5,580 5,680 Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790<	Gross Fixed Assets	6,119	7,440	8,120	9,140	13,440	14,740	16,040	17,340
Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 582 5430	Intangibles	328	361	600	550	410	605	605	605
Net Fixed Assets 5,531 6,053 6,240 6,440 8,580 8,675 8,194 7,604 Capital WIP 367 112 270 450 580 580 580 580 Goodwill 4,974 4,795 4,860 5,030 5,380 5,480 5,580 5,680 Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,	Less: Accum. Depn.	-917	-1,749	-2,480	-3,250	-5,270	-6,670	-8,451	-10,341
Goodwill 4,974 4,795 4,860 5,030 5,380 5,480 5,580 5,680 Investments 5,439 6,082 5,430 4,500 7,330 13,000 16,443 18,181 20,444 20,444 14,310 13,800 16,656 7,060 7,940 27,90 <	Net Fixed Assets	5,531	6,053	6,240	6,440				7,604
Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 <t< td=""><td>Capital WIP</td><td>367</td><td></td><td></td><td>450</td><td>580</td><td>580</td><td>580</td><td>580</td></t<>	Capital WIP	367			450	580	580	580	580
Investments 5,439 6,082 5,430 4,500 7,330 13,000 13,000 13,000 Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 <t< td=""><td></td><td>4,974</td><td></td><td></td><td>5,030</td><td></td><td></td><td></td><td>5,680</td></t<>		4,974			5,030				5,680
Curr. Assets, L&A 16,852 19,191 23,920 29,120 26,560 33,300 37,288 43,710 Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 <td< td=""><td>Investments</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>13,000</td></td<>	Investments								13,000
Inventory 9,256 12,534 15,110 14,110 13,800 16,443 18,181 20,444 Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,41	Curr. Assets, L&A				•				43,710
Account Receivables 2,521 2,470 3,400 5,170 5,390 6,656 7,060 7,940 Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 <t< td=""><td>Inventory</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>20,444</td></t<>	Inventory								20,444
Cash and Bank Balance 3,171 2,360 2,010 5,520 2,790 4,749 5,553 7,587 Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0	· · · · · · · · · · · · · · · · · · ·								7,940
Others 1,904 1,828 3,400 4,320 4,580 5,452 6,494 7,738 Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									7,587
Curr. Liab. and Prov. 9,953 10,329 11,880 13,710 16,250 17,575 19,410 21,526 Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,492 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,582 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									7,738
Current Liabilities 8,395 9,040 10,560 12,260 14,920 16,261 17,974 19,942 Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,494 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									21,526
Accounts Payable 6,690 6,966 8,220 9,440 9,780 10,730 12,002 13,492 Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									
Provisions 1,558 1,289 1,320 1,450 1,330 1,314 1,436 1,584 Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									
Net Current Assets 6,899 8,862 12,040 15,410 10,310 15,725 17,877 22,184 Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									
Deferred Tax Liability 421 -125 -200 1,760 1,530 0 0 0									
									0
	Application of Funds	23,630	25,778	28,640	33,590	33,710	43,460	45,232	49,048

E: MOSL Estimates

Financials and valuations

Ratios								
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Basic (INR)								
EPS	5.6	6.3	6.3	7.2	8.1	8.7	9.8	11.4
Cash EPS	6.3	6.8	7.0	9.7	9.0	9.7	11.2	12.8
BV/Share	15.6	18.0	19.7	23.2	23.4	30.6	31.7	34.3
DPS	3.5	4.3	4.6	6.6	7.8	7.7	8.8	8.8
Payout %	62.4	67.6	72.4	76.3	98.1	88.5	89.5	77.1
Valuation (x)								
P/E	73.5	65.5	65.3	57.4	50.6	47.5	42.0	36.2
Cash P/E	65.0	60.2	58.8	42.7	45.8	42.3	36.8	32.1
EV/Sales	8.7	8.9	8.3	7.2	7.2	6.6	5.9	5.2
EV/EBITDA	50.0	45.3	46.4	39.6	35.7	32.1	28.5	24.9
P/BV	26.3	22.9	20.9	17.7	17.6	13.4	13.0	12.0
Dividend Yield (%)	0.8	1.0	1.1	1.6	1.9	1.9	2.1	2.1
Return Ratios (%)								
RoE	37.7	37.3	33.4	33.4	34.9	32.0	31.5	34.5
RoCE	31.9	33.3	30.8	31.3	33.0	30.4	29.7	32.3
RoIC	41.5	47.4	40.7	40.7	44.0	45.8	47.8	52.2
Leverage Ratio								
Debt/Equity (x)	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Cash Flow Statement								(INR m)
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
OP/(loss) before Tax	10,287	11,487	11,170	12,570	13,740	15,402	17,363	20,097
Int./Div. Received	-594	-43	-280	-130	-270	-952	-1,261	-1,506
Depreciation	949	903	890	1,310	1,500	1,400	1,780	1,890
Interest Paid	206	-197	-180	-140	-220	286	258	246
Direct Taxes Paid	-2,474	-2,964	-2,950	-3,200	-2,900	-3,809	-4,294	-4,971
(Incr)/Decr in WC	-197	-2,698	-3,490	210	330	-3,456	-1,349	-2,272
CF from Operations	8,176	6,487	5,160	10,620	12,180	8,871	12,497	13,485
(Incr)/Decr in FA	-864	-815	-1,280	-1,430	-1,860	-1,495	-1,300	-1,300
Free Cash Flow	7,312	5,673	3,880	9,190	10,320	7,376	11,197	12,185
(Pur)/Sale of Investments	-1,180	15	700	1,030	280	-5,670	0	0
Others	1,000	-760	740	270	-1,870	10,283	-520	1,145
CF from Invest.	-1,044	-1,560	160	-130	-3,450	3,118	-1,820	-155
Issue of Shares	5	0	0	0	0	0	0	0
(Incr)/Decr in Debt	0	0	0	110	-530	450	450	450
Dividend Paid	-5,023	-5,088	-6,360	-6,820	-10,250	-10,014	-9,886	-11,320
Others	-992	-652	690	-270	-680	-466	-438	-426
CF from Fin. Activity	-6,010	-5,740	-5,670	-6,980	-11,460	-10,030	-9,874	-11,296
Incr/Decr of Cash	1,122	-812	-350	3,510	-2,730	1,959	803	2,035
Add: Opening Balance								
riad. Opening Balance	2,049	3,171	2,360	2,010	5,520	2,790	4,749	5,553
Closing Balance	2,049 3,171	3,171 2,360	2,360 2,010	2,010 5,520	5,520 2,790	2,790 4,749	4,749 5,553	5,553 7,587

E: MOFSL Estimates

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

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