Sell



Avenue Supermarts

BSE SENSEX	S&P CNX
36,010	10,795
Bloomberg	DMART IN
Equity Shares (m)	624
M.Cap.(INRb)/(USDb)	979.2 / 13.9
52-Week Range (INR)	1696 / 1063
1, 6, 12 Rel. Per (%)	-1/1/22
12M Avg Val (INR M)	1218
Free float (%)	18.8

Financials & Valuations(INR b)

Y/E March	2018	2019E	2020E
Sales	150.3	200.0	258.6
EBITDA	13.5	16.8	22.4
NP	8.1	9.6	13.4
EPS (Rs)	12.9	15.5	21.4
EPS Growth (%)	68.4	19.7	38.6
BV/Share (INR)	74.8	90.3	111.7
P/E (x)	121.4	101.5	73.2
P/BV (x)	21.0	17.4	14.0
EV/EBITDA (x)	72.3	58.0	43.2
RoE (%)	18.9	18.7	21.2
RoCE (%)	15.8	17.8	20.3

Estimate change	1
TP change	1
Rating change	

CMP: INR1,569 TP: INR1,400 (-11%)

Margin pressures evident

Rich valuations restricting re-rating

- Revenue growth robust, but no relief on margins: Revenue grew robustly by 33% YoY to INR54.5b (in-line) in 3QFY19. However, the company continued facing margin pressure (gross margin down 170bp YoY to 14.7% off a high base), mainly due to its focus on price competitiveness. Consequently, EBITDA increased by a modest 7.5% YoY to INR4.5b (5% miss), with the margin contracting 200bp YoY to 8.3%. PAT, too, grew by a marginal 2.1% YoY (8% miss) to INR2.6b due to lower other income (-37% YoY) and higher depreciation/finance cost (+33%/36% YoY).
- Four new stores added in 3QFY19: DMART added nine new stores in 9MFY19, (four in 3QFY19), taking its store count to 164. The store addition trend appears similar to last year 10 new stores added in 9MFY18. We, however, note that DMART tends to accelerate store addition toward the fiscal-end (14 new stores added in 4QFY18). In 4QFY19, too, it is likely to add 13-14 new stores.
- Valuations view: Revenue prospects remain promising (30% CAGR over FY18-21; 22% SSSG), given continued store additions and benefits from its EDLC-EDLP (Everyday low cost-Everyday low price) strategy. However, margin expansion will be restricted by increased price competitiveness by peers (as indicated by channel checks). We expect EBITDA/PAT CAGR of 30%/31% over FY18-21 (FY20 EBITDA estimate raised by 10% led by revised growth and margin estimates). However, valuations appear rich at 73x/54x FY20/21E P/E. We, thus, see limited room for re-rating. Maintain Sell with a TP of INR1,400 (prior: INR1,285), ascribing 65x P/E on FY20E (on the back of strong competitive moat).

Quarterly performance											((INR m)
Y/E March		FY1	8			FY19	E		FY18	FY19E	FY19E	Var
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Revenue	35,981	35,083	40,939	38,100	45,594	48,725	54,509	51,136	150,332	199,965	55,267	-1
YoY Change (%)	35.7	26.3	22.6	22.5	26.7	38.9	33.1	34.2	26.4	33.0	35.0	
Total Expenditure	32,949	31,904	36,721	35,155	41,367	44,829	49,976	46,975	136,804	183,148	50,514	-1
EBITDA	3,032	3,179	4,217	2,945	4,227	3,896	4,533	4,161	13,528	16,817	4,753	-5
Margins (%)	8.4	9.1	10.3	7.7	9.3	8.0	8.3	8.1	9.0	8.4	8.6	-28bp
Depreciation	337	351	393	465	403	444	522	586	1,590	1,955	463	13
Interest	243	109	110	132	100	101	149	133	594	483	110	36
Other Income	228	212	137	149	143	139	86	99	693	466	142	-39
PBT	2,680	2,930	3,851	2,497	3,866	3,491	3,949	3,540	12,037	14,845	4,322	-9
Tax	932	1,020	1,334	826	1,360	1,233	1,378	1,225	4,158	5,196	1,526	-10
Rate (%)	34.8	34.8	34.6	33.1	35.2	35.3	34.9	34.6	34.5	35.0	35.3	-42
MI & P/L of Asso. Cos.	0	0	0	0	0	0	0	0	-185	0	0	
Reported PAT	1,748	1,910	2,518	1,671	2,506	2,257	2,571	2,315	8,064	9,650	2,795	-8
Adj PAT	1,748	1,910	2,518	1,671	2,506	2,257	2,571	2,315	8,064	9,650	2,795	-8
YoY Change (%)	47.6	65.2	65.8	72.9	43.4	18.2	2.1	38.5	68.4	19.7	11.0	
Margins (%)	4.9	5.4	6.1	4.4	5.5	4.6	4.7	4.5	5.4	4.8	5.1	-34bp
E 1400 E 11 1												

E: MOSL Estimates

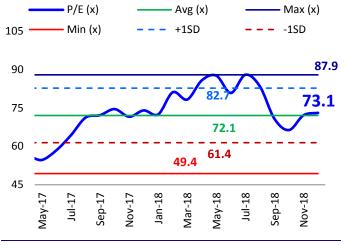
Aliasgar Shakir – Research analyst (Aliasgar.Shakir@motilaloswal.com); +91 22 6129 1565

Hafeez Patel - Research analyst (Hafeez.Patel@motilaloswal.com); +91 22 6129 1568

Exhibit 1: Summary of estimate change

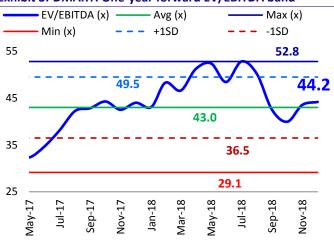
	FY19E	FY20E	FY21E
Revenue (INR b)			
Old	200.9	256.6	323.5
Actual/New	200.0	258.6	331.0
Change (%)	-0.5	0.8	2.3
EBITDA (INR b)			
Old	16.8	20.3	27.8
Actual/New	16.8	22.4	29.5
Change (%)	0.3	10.5	5.9
EBITDA margin (%)			
Old	8.3	7.9	8.6
Actual/New	8.4	8.7	8.9
Change (bp)	6bps	76bps	30bps
Net Profit (INR b)			
Old	9.9	12.4	17.5
Actual/New	9.6	13.4	18.1
Change (%)	-2.4	8.3	3.6
EPS (INR)			
Old	15.8	19.8	28.1
Actual/New	15.5	21.4	29.1
Change (%)	-2.4	8.3	3.6

Exhibit 2: DMART: One-year forward P/E band



Source: Bloomberg, MOSL

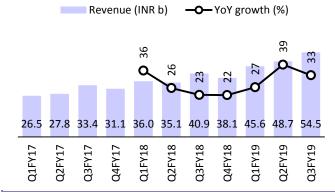
Exhibit 3: DMART: One-year forward EV/EBITDA band



Source: Bloomberg, MOSL

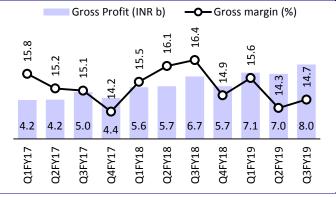
Story in charts

Exhibit 4: Revenue growth remains robust



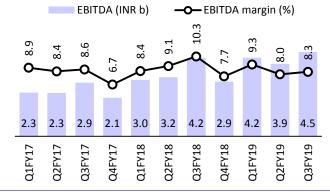
Source: Company, MOSL

Exhibit 5: Gross margin contracts 170bp YoY



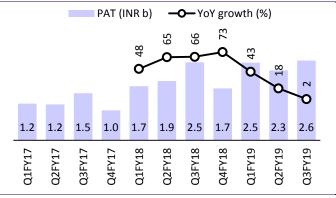
Source: Company, MOSL

Exhibit 6: EBITDA margin contracts 2000bp YoY



Source: Company, MOSL

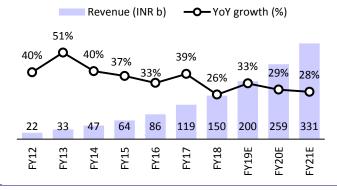
Exhibit 7: PAT up by a subdued 2% YoY



Source: Company, MOSL

─ EBITDA margin (%)

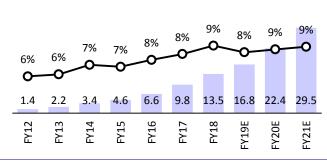
Exhibit 8: Expect 30% revenue CAGR over FY18-21



Source: Company, MOSL

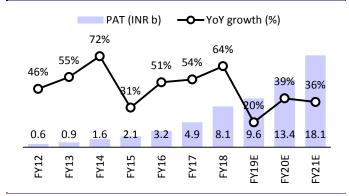
Exhibit 9: EBIDTA margin to remain steady at 9%

EBITDA (INR b)



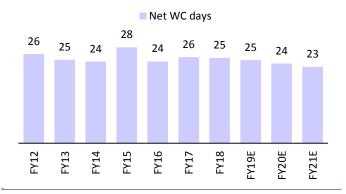
Source: Company, MOSL

Exhibit 10: Expect PAT CAGR of 31% over FY18-21



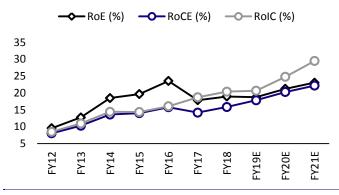
Source: Company, MOSL

Exhibit 11: Net working capital days to remain in the range of 20-25 days over FY18-21



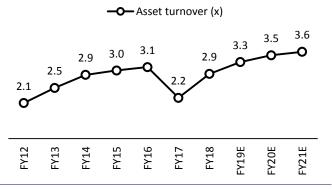
Source: Company, MOSL

Exhibit 12: Return ratios to continue its uptrend



Source: Company, MOSL

Exhibit 13: Rising trend in asset turnover ratios



Source: Company, MOSL

Financials and Valuations

Consolidated - Income Statement								(INR m)
Y/E March	FY13	FY14	FY15	FY16	FY17	FY18	FY19E	FY20E
Total Income from Operations	33,409	46,865	64,394	85,838	118,977	150,332	199,965	258,573
Change (%)	51.3	40.3	37.4	33.3	38.6	26.4	33.0	29.3
Raw Materials	28,572	39,845	54,879	73,035	100,810	126,356	170,270	220,046
Gross Margins	4,837	7,020	9,515	12,802	18,167	23,976	29,695	38,527
Margin (%)	14.5	15.0	14.8	14.9	15.3	15.9	14.9	14.9
Employees Cost	687	873	1,341	1,490	1,925	2,826	3,379	4,241
Other Expenses	1,997	2,729	3,592	4,676	6,429	7,622	9,498	11,894
Total Expenditure	31,256	43,448	59,811	79,201	109,165	136,804	183,148	236,180
% of Sales	93.6	92.7	92.9	92.3	91.8	91.0	91.6	91.3
EBITDA	2,153	3,417	4,583	6,636	9,812	13,528	16,817	22,392
Margin (%)	6.4	7.3	7.1	7.7	8.2	9.0	8.4	8.7
Depreciation	458	570	815	984	1,278	1,590	1,955	2,254
EBIT	1,695	2,847	3,768	5,652	8,534	11,938	14,862	20,138
Int. and Finance Charges	426	557	724	913	1,220	595	483	439
Other Income	143	158	183	179	286	693	466	716
PBT bef. EO Exp.	1,411	2,449	3,226	4,918	7,600	12,036	14,845	20,415
EO Items	0	0	0	0	0	0	0	C
PBT after EO Exp.	1,411	2,449	3,226	4,918	7,600	12,036	14,845	20,415
Total Tax	473	835	1,109	1,715	2,683	4,158	5,196	7,043
Tax Rate (%)	33.5	34.1	34.4	34.9	35.3	34.5	35.0	34.5
Minority Interest	0	0	0	1	129	-185	0	C
Reported PAT	939	1,614	2,117	3,202	4,788	8,063	9,649	13,372
Adjusted PAT	939	1,614	2,117	3,202	4,788	8,063	9,650	13,372
Change (%)	55.4	71.9	31.2	51.3	49.5	68.4	19.7	38.6
Margin (%)	2.8	3.4	3.3	3.7	4.0	5.4	4.8	5.2
Consolidated - Balance Sheet Y/E March								(INR m)
- / = 17101 CH	FY13	FY14	FY15	FY16	FY17	FY18	FY19E	FY20E
Equity Share Capital	FY13 5,441	FY14 5,468	FY15 5,615	FY16 5,615	FY17 6,241	FY18 6,241	FY19E 6,241	FY20E
								FY20E 6,241
Equity Share Capital	5,441	5,468	5,615	5,615	6,241	6,241	6,241	FY20E 6,241 63,471
Equity Share Capital Total Reserves	5,441 2,455	5,468 4,088	5,615 6,377	5,615 9,589	6,241 32,177	6,241 40,450	6,241 50,099	6,241 63,471 69,71 1
Equity Share Capital Total Reserves Net Worth	5,441 2,455 7,895	5,468 4,088 9,556	5,615 6,377 11,992	5,615 9,589 15,204	6,241 32,177 38,418	6,241 40,450 46,691	6,241 50,099 56,340	6,241 63,471 69,711 4,393
Equity Share Capital Total Reserves Net Worth Total Loans	5,441 2,455 7,895 5,261	5,468 4,088 9,556 6,408	5,615 6,377 11,992 9,043	5,615 9,589 15,204 11,923	6,241 32,177 38,418 14,973	6,241 40,450 46,691 4,393	6,241 50,099 56,340 4,393	6,241 63,471 69,711 4,393
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities	5,441 2,455 7,895 5,261 201	5,468 4,088 9,556 6,408 265	5,615 6,377 11,992 9,043 305	5,615 9,589 15,204 11,923 399	6,241 32,177 38,418 14,973 505	6,241 40,450 46,691 4,393 452	6,241 50,099 56,340 4,393 452	6,241 63,471 69,711 4,393
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities	5,441 2,455 7,895 5,261 201	5,468 4,088 9,556 6,408 265	5,615 6,377 11,992 9,043 305	5,615 9,589 15,204 11,923 399	6,241 32,177 38,418 14,973 505	6,241 40,450 46,691 4,393 452	6,241 50,099 56,340 4,393 452	6,241 63,471 69,711 4,393 452 74,562
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed	5,441 2,455 7,895 5,261 201 13,360	5,468 4,088 9,556 6,408 265 16,229	5,615 6,377 11,992 9,043 305 21,340	5,615 9,589 15,204 11,923 399 27,527	6,241 32,177 38,418 14,973 505 53,898	6,241 40,450 46,691 4,393 452 51,541	6,241 50,099 56,340 4,393 452 61,191	6,241 63,471 69,711 4,393 452 74,562
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block	5,441 2,455 7,895 5,261 201 13,360	5,468 4,088 9,556 6,408 265 16,229	5,615 6,377 11,992 9,043 305 21,340	5,615 9,589 15,204 11,923 399 27,527 21,918	6,241 32,177 38,418 14,973 505 53,898	6,241 40,450 46,691 4,393 452 51,541 37,041	6,241 50,099 56,340 4,393 452 61,191	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn.	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041	5,615 9,589 15,204 11,923 399 27,527 21,918 983	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv.	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647 3,232
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616 822	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554 884	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380 1,287	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351 1,818	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843 2,130	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602 2,758	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823 2,999	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647 3,232 7,064
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov.	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616 822 1,561	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554 884 1,847	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380 1,287 2,208	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351 1,818 3,488	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843 2,130 4,328	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602 2,758 4,942	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823 2,999 5,932	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647 3,232 7,064 4,220
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616 822 1,561 944	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554 884 1,847 1,226	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380 1,287 2,208 1,185	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351 1,818 3,488 1,944	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843 2,130 4,328 2,607	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602 2,758 4,942 3,173	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823 2,999 5,932 3,732	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647 3,232 7,064 4,220 2,586
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables Other Current Liabilities	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616 822 1,561 944 555	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554 884 1,847 1,226 533	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380 1,287 2,208 1,185 843	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351 1,818 3,488 1,944 1,487	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843 2,130 4,328 2,607 1,637	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602 2,758 4,942 3,173 1,642	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823 2,999 5,932 3,732 2,000	FY20E 6,241 63,471 69,711 4,393 452 74,562 49,252 8,196 41,056 1,551 845 37,390 18,086 425 15,647 3,232 7,064 4,220 2,586 259
Equity Share Capital Total Reserves Net Worth Total Loans Deferred Tax Liabilities Capital Employed Gross Block Less: Accum. Deprn. Net Fixed Assets Capital WIP Total Investments Curr. Assets, Loans&Adv. Inventory Account Receivables Cash and Bank Balance Loans and Advances Curr. Liability & Prov. Account Payables Other Current Liabilities Provisions	5,441 2,455 7,895 5,261 201 13,360 10,950 1,704 9,247 1,181 160 4,333 2,762 133 616 822 1,561 944 5555 62	5,468 4,088 9,556 6,408 265 16,229 13,969 2,252 11,717 888 155 5,316 3,783 95 554 884 1,847 1,226 533 89	5,615 6,377 11,992 9,043 305 21,340 18,321 3,041 15,281 981 152 7,134 5,396 71 380 1,287 2,208 1,185 843 179	5,615 9,589 15,204 11,923 399 27,527 21,918 983 20,935 817 293 8,970 6,717 84 351 1,818 3,488 1,944 1,487 56	6,241 32,177 38,418 14,973 505 53,898 27,764 2,260 25,504 1,529 531 30,662 9,479 210 18,843 2,130 4,328 2,607 1,637 84	6,241 40,450 46,691 4,393 452 51,541 37,041 3,987 33,054 1,471 845 20,330 11,634 335 5,602 2,758 4,942 3,173 1,642 127	6,241 50,099 56,340 4,393 452 61,191 42,757 5,942 36,815 1,600 845 27,079 14,928 329 8,823 2,999 5,932 3,732 2,000 200	

Financials and Valuations

FY March FY13	Ratios								
Basic (INN)	-	FY13	FY14	FY15	FY16	FY17	FY18	FY19E	FY20E
FS Glutled from FY17 1.7 3.0 3.8 5.7 7.7 1.9 15.5 21.4 Cash FS Cillus from FY17 14.5 17.5 21.4 27.1 61.6 74.8 90.3 111.7 DFS 0.0									
Cash IPS (diluted from FY17) 1.5 3.9 5.2 7.5 9.7 1.55 18.6 2.9 MSV/Share (diluted from FY17) 1.45 1.75 21.4 7.1 6.16 7.48 90.3 11.7 DPS 0.0	_ , , ,	1.7	3.0	3.8	5.7	7.7	12.9	15.5	21.4
DPS		2.5	3.9	5.2	7.5	9.7	15.5	18.6	25.0
DPS		14.5		21.4	27.1	61.6		90.3	111.7
Nation (x) Nat	DPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P/E	Payout (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash P/E	Valuation (x)								
P/BV	P/E					204.5	121.4	101.5	73.2
EV/Sales EV/Sales 8.2 6.5 4.9 3.7.2 Dividend Yield (%) 0.0 1.0 1.0 0.0 0.0 1.0 0.0	Cash P/E					161.4	101.4	84.4	62.7
EV/EBITOA	P/BV					25.5	21.0	17.4	14.0
Dividend Vield (%) 0.0 0	EV/Sales					8.2	6.5	4.9	3.7
FCF per share 1.8 1.12 3.4 3.2	EV/EBITDA					99.4	72.3	58.0	43.2
Return Ratios (%) Rofe	Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RoE	FCF per share	-1.8	-1.2	-4.1	-3.2	-2.8	-2.9	5.2	10.5
ROCE 10.3 13.6 14.0 15.8 14.2 15.8 17.8 20.3 RolC 10.9 14.4 14.3 16.0 18.7 20.4 20.7 24.8 Working Capital Ratios	Return Ratios (%)								
Rolic	RoE	12.8	18.5	19.6	23.6	17.9	18.9	18.7	21.2
Working Capital Ratios Fixed Asset Turnover (x) 3.1 3.4 3.5 3.9 4.3 4.1 4.7 5.2 5.2 5.9 3.0 3.1 2.2 2.9 3.3 3.5 5.5 5.9 3.5 3.5 5.5 5.9 3.0 3.1 2.2 2.9 3.3 3.5 5.5 5.5 5.9 3.5 3.5 3.6 3.4 3.4 3.4 3.2 3.0 3.0 5.0	RoCE	10.3	13.6	14.0	15.8	14.2	15.8	17.8	20.3
Fixed Asset Turnover (x) 3.1 3.4 3.5 3.9 4.3 4.1 4.7 5.2	RoIC	10.9	14.4	14.3	16.0	18.7	20.4	20.7	24.8
Asset Turnover (x)	Working Capital Ratios								
Inventory (Days)	Fixed Asset Turnover (x)	3.1	3.4	3.5	3.9	4.3	4.1	4.7	5.2
Debtor (Days)	Asset Turnover (x)	2.5	2.9	3.0	3.1	2.2	2.9	3.3	3.5
Creditor (Days) 12	Inventory (Days)	35	35	36	34	34	34	32	30
Current Ratio 2.8 2.9 3.2 2.6 7.1 4.1 4.6 5.3 Interest Cover Ratio 4.0 5.1 5.2 6.2 7.0 20.0 NA NA Nat Debt/Equity 0.6 0.6 0.7 0.7 0.1 0.0 0.1 0.2 Consolidated - Cash Flow Statement FY13 FY14 FY15 FY16 FY17 FY18 FY19E FY20E OP/(Loss) before Tax 1,411 2,449 3,226 4,918 7,600 12,036 14,845 20,415 Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,620 -6,858 -4,027 -5,196 -7,043 Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 -2,354 CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,549 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating ind EO 1,271 1,981 2,220 4,385 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Sisue of Shares 140 46 326 0 18,406 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Others 3 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Others 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 11 5 0 0 0 0 0 0 Others 3 3 1 5 0 0 0 0 0 0 0 Others	Debtor (Days)	1	1	0	0	1	1	1	1
Current Ratio 2.8 2.9 3.2 2.6 7.1 4.1 4.6 5.3 Interest Cover Ratio 4.0 5.1 5.2 6.2 7.0 20.0 NA NA Net Debt/Equity 0.6 0.6 0.7 0.7 -0.1 20.0 -0.1 -0.2 Consolidated - Cash Flow Statement FY13 FY14 FY15 FY16 FY17 FY18 FY19E FY20E OP/(Loss) before Tax 1,411 2,449 3,226 4,918 7,600 12,036 14,845 20,415 Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 555 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 </td <td>Creditor (Days)</td> <td>12</td> <td>11</td> <td>8</td> <td>10</td> <td>9</td> <td>9</td> <td>8</td> <td>7</td>	Creditor (Days)	12	11	8	10	9	9	8	7
Interest Cover Ratio 4.0 5.1 5.2 6.2 7.0 20.0 NA NA NA NET Debt/Equity 0.6 0.6 0.7 0.7 0.7 0.1 0.0 0.1 0.0 0.1 0.0	Leverage Ratio (x)								
Consolidated - Cash Flow Statement FY13 FY14 FY15 FY16 FY17 FY18 FY19E FY20E OP/(Loss) before Tax 1,411 2,449 3,226 4,918 7,600 12,036 14,845 20,415 Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 2,354 CF from Operations 1,275 1,988 2,245 4,489 4,815 7,767 9,549 13,711 Others CF from Operations of Incest -2 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,2	Current Ratio	2.8	2.9	3.2	2.6	7.1	4.1	4.6	5.3
Consolidated - Cash Flow Statement FY13	Interest Cover Ratio	4.0	5.1	5.2	6.2	7.0	20.0	NA	NA
V/E March FY13 FY14 FY15 FY16 FY17 FY18 FY19E FY20E OP/(Loss) before Tax 1,411 2,449 3,226 4,918 7,600 12,036 14,845 20,415 Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 -2,354 CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,549 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,30	Net Debt/Equity	0.6	0.6	0.7	0.7	-0.1	0.0	-0.1	-0.2
OP/(Loss) before Tax 1,411 2,449 3,226 4,918 7,600 12,036 14,845 20,415 Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 <td>Consolidated - Cash Flow Statement</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(INR m)</td>	Consolidated - Cash Flow Statement								(INR m)
Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 -2,354 CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,549 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -	Y/E March	FY13	FY14	FY15	FY16	FY17	FY18	FY19E	FY20E
Depreciation 458 570 815 984 1,278 1,590 1,955 2,254 Interest & Finance Charges 426 557 724 913 1,220 595 483 439 Direct Taxes Paid -367 -750 -1,000 -1,642 -2,586 -4,027 -5,196 -7,043 (Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 -2,354 CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,599 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775		1,411	2,449	3,226	4,918	7,600	12,036	14,845	20,415
Interest & Finance Charges	Depreciation	458	570		984	1,278		1,955	
(Inc)/Dec in WC -653 -827 -1,520 -685 -2,697 -2,427 -2,539 -2,354 CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,549 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951	Interest & Finance Charges	426	557	724	913				439
CF from Operations 1,275 1,998 2,245 4,489 4,815 7,767 9,549 13,711 Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 </td <td>Direct Taxes Paid</td> <td>-367</td> <td>-750</td> <td>-1,000</td> <td>-1,642</td> <td>-2,586</td> <td>-4,027</td> <td>-5,196</td> <td>-7,043</td>	Direct Taxes Paid	-367	-750	-1,000	-1,642	-2,586	-4,027	-5,196	-7,043
Others -4 -17 -25 -154 -237 -467 -466 -716 CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0	(Inc)/Dec in WC	-653	-827	-1,520	-685	-2,697	-2,427	-2,539	-2,354
CF from Operating incl EO 1,271 1,981 2,220 4,335 4,578 7,300 9,082 12,995 (Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 <td>CF from Operations</td> <td>1,275</td> <td>1,998</td> <td>2,245</td> <td>4,489</td> <td>4,815</td> <td>7,767</td> <td>9,549</td> <td>13,711</td>	CF from Operations	1,275	1,998	2,245	4,489	4,815	7,767	9,549	13,711
(Inc)/Dec in FA -2,377 -2,706 -4,770 -6,350 -6,354 -9,087 -5,845 -6,447 Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0 0 0 0 0 0 <td>Others</td> <td>-4</td> <td>-17</td> <td>-25</td> <td>-154</td> <td>-237</td> <td>-467</td> <td>-466</td> <td>-716</td>	Others	-4	-17	-25	-154	-237	-467	-466	-716
Free Cash Flow -1,107 -724 -2,549 -2,015 -1,775 -1,787 3,238 6,548 (Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0<	CF from Operating incl EO	1,271	1,981	2,220	4,335	4,578	7,300	9,082	12,995
(Pur)/Sale of Investments 69 7 31 -151 -229 -247 0 0 Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0	(Inc)/Dec in FA	-2,377	-2,706	-4,770	-6,350	-6,354	-9,087	-5,845	-6,447
Others 2 5 8 181 255 383 466 716 CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0	Free Cash Flow	-1,107	-724	-2,549	-2,015	-1,775	-1,787	3,238	6,548
CF from Investments -2,307 -2,694 -4,731 -6,320 -6,328 -8,951 -5,378 -5,731 Issue of Shares 140 46 326 0 18,406 0 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0	(Pur)/Sale of Investments	69	7	31	-151	-229	-247	0	0
Issue of Shares 140 46 326 0 18,406 0 0 0 Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0 1,175 652 2,345 1,964 20,253 -11,591	Others	2	5	8	181	255	383	466	716
Inc/(Dec) in Debt 1,454 1,148 2,634 2,898 3,050 -10,791 0 0 Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0 1,175 652 2,345 1,964 20,253 -11,591 -483 </td <td>CF from Investments</td> <td>-2,307</td> <td>-2,694</td> <td>-4,731</td> <td>-6,320</td> <td>-6,328</td> <td>-8,951</td> <td>-5,378</td> <td>-5,731</td>	CF from Investments	-2,307	-2,694	-4,731	-6,320	-6,328	-8,951	-5,378	-5,731
Interest Paid -422 -552 -621 -934 -1,203 -800 -483 -439 Dividend Paid 0 <	Issue of Shares	140	46	326	0	18,406	0	0	0
Dividend Paid 0 <	Inc/(Dec) in Debt	1,454	1,148	2,634	2,898	3,050	-10,791	0	0
Others 3 11 5 0 0 0 0 0 CF from Fin. Activity 1,175 652 2,345 1,964 20,253 -11,591 -483 -439 Inc/Dec of Cash 139 -60 -166 -21 18,503 -13,241 3,221 6,824 Opening Balance 477 614 546 370 340 18,843 5,601 8,822	Interest Paid	-422	-552	-621	-934	-1,203	-800	-483	-439
CF from Fin. Activity 1,175 652 2,345 1,964 20,253 -11,591 -483 -439 Inc/Dec of Cash 139 -60 -166 -21 18,503 -13,241 3,221 6,824 Opening Balance 477 614 546 370 340 18,843 5,601 8,822	Dividend Paid	0	0	0	0	0	0	0	0
Inc/Dec of Cash 139 -60 -166 -21 18,503 -13,241 3,221 6,824 Opening Balance 477 614 546 370 340 18,843 5,601 8,822	Others	3	11	5	0	0	0	0	0
Opening Balance 477 614 546 370 340 18,843 5,601 8,822	CF from Fin. Activity	1,175	652	2,345	1,964	20,253	-11,591	-483	-439
	Inc/Dec of Cash	139	-60	-166	-21	18,503	-13,241	3,221	6,824
Closing Balance 616 554 380 349 18,843 5,601 8,822 15,647		477	614	546	370	340	18,843	5,601	8,822
	Closing Balance	616	554	380	349	18,843	5,601	8,822	15,647

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 becomes inconsistent with the investment rating legend, the Research Analyst shall within 28 days of the inconsistency, take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Securities Ltd. (MOSL)* is a SEBI Registered Research Analyst having registration no. INH000000412. MOSL, 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. MOSL is a subsidiary company of Motilal Oswal Financial Service Ltd. (MOFSL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. 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 (MCX) & National Commodity & Derivatives Exchange Ltd. (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) & National Securities Depository Limited (NSDL) and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products. Details of associate entities of Motilal Oswal Securities Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOSL 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 MOSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOSL 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 MOSL 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 Securities Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at 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 MOSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOSL 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 MOSL & 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 Securities Limited (MOSL) 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 MOSL 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 MOSL, 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., MOSL 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

- MOSL, 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.
- MOSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company MOSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOSL, 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
- MOSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months MOSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOSL has not received any compensation or other benefits from third party in connection with the research report
- 10 MOSL has not engaged in market making activity for the subject company

13 January 2019

The associates of MOSL 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 MOSL 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 MOSL 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 MOSL which are opened for proprietary investments only. While calculating beneficial holdings, it does not consider demat accounts which are opened in name of MOSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOSL 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 MOSL 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 MOSL. 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. MOSL 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. MOSL, 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 MOSL. 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 directled 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 MOSL 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 MOSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOSL 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 Óswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022-3980 4263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 3080 1000. Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No::022-38281085.

Registration details: MOSL: SEBI Registration: INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL: IN-DP-16-2015; NSDL: IN-DP-NSDL-152-2000; Research Analyst: INH000000412. AMFI: ARN 17397. Investment Adviser: INA000007100. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670) offers PMS and Mutual Funds products. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) offers wealth management solutions. *Motilal Oswal Securities Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance and IPO products. *Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. offers Real Estate products. * Motilal Oswal Private Equity Investment Advisors Pvt. Ltd. offers Private Equity products.

* 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. The existing registration no(s) of MOSL would be used until receipt of new MOFSL registration numbers.