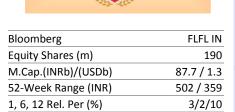
Buy



Future Lifestyle Fashions

BSE SENSEX S&P CNX 38,031 11,346

Motilal Oswal values your support in the Asiamoney Brokers Poll 2019 for India Research, Sales and Trading team. We request your ballot.



Financials & Valuations(INR b)

12M Avg Val (INR M)

Estimate change

Rating change

TP change

Free float (%)

Y/E Mar	2019	2020E	2021E
Net Sales	57.3	69.8	83.2
EBITDA	5.3	11.9	14.3
PAT	1.6	1.9	2.7
EPS (INR)	8.6	10.1	14.0
Gr. (%)	30.1	17.8	38.1
BV/Sh (INR)	96.0	104.4	116.7
RoE (%)	9.8	10.1	12.7
RoCE (%)	11.7	15.0	16.1
P/E (x)	53.2	45.1	32.7
P/BV (x)	4.8	4.4	3.9
EV/EBITDA (x)	17.9	7.3	5.8

CMP: INR451 TP: INR575(+28%)

YoY to INR284m.

33

46.5

Pre-Ind-AS 116 EBITDA up 13% YoY: On a pre-Ind-AS 116 basis, FLFL reported an in-line performance in 1QFY20. Revenue rose by a healthy 17% YoY, driven by 23% YoY growth in Brand Factory. EBITDA grew 13% YoY, with the margin contracting 30bp YoY to 8.7% due to higher SG&A. PAT declined 15% YoY to INR313m; the decline was higher at 26% YoY to INR274m (16% miss) including the loss of INR39m from associates/JVs. On an Ind-AS 116 basis, revenue was up 17% YoY and PAT excluding associates/JVs was down 23%

Earnings growth moderates; continues to steadily add stores

- SSSG moderated to 5% YoY in 1QFY20 from 8% YoY in 1QFY19 and 9% QoQ in 4QFY19. Brand Factory SSSG moderated from double-digit in FY19 to 2.5% in the quarter. Central reported better SSSG of 7% compared to the same period last year. For FY20, we estimate SSSG of 6%/8% at Central/Brand Factory.
- Healthy store adds in Brand Factory to drive growth: Central added three stores (overall count 47), while Brand Factory added four stores (added six but closed two; overall count 97) in 1QFY20. However, we expect the company to accelerate the pace of store addition at Brand Factory going ahead we factor in addition of 30 Brand Factory stores and 5 Central stores in FY20. We estimate revenue CAGR of 18% over FY19-21, led by the healthy performance of own brands. Based on our workings, the impact of Ind-AS 116 is likely to be INR100-120m at the PAT level. Subsequently, we cut our FY20/21 PAT estimate by 6%/4%. We expect revenue/adj. PAT CAGR of 21%/28% over FY19-21.
- Valuation and view: We adjust our target price and EV/EBITDA multiple based on Ind-AS 116 workings. Subsequently, we assign 7.5x EV/EBITDA on FY21 EBITDA of INR14.3b to arrive at a target price of INR575 (prior: INR585). At our TP, it is valued at an implied P/E of 41x on FY21, in line with the three-year average P/E multiple. Maintain Buy.

Consol Quarterly Earning Model					(INR m)
V/E March	EV10	EV20E	EV10	EV20	EV20 Ect Var

Y/E March		FY:	19			FY2	0E		FY19	FY20	FY20	Est var
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Net Sales	13,190	13,360	16,920	13,810	15,403	16,299	21,150	16,963	57,281	69,816	15,828	-13
YoY Change (%)	21.7	19.5	38.1	28.9	16.8	22.0	25.0	22.8	27.3	21.9	47.8	
Total Expenditure	12,000	12,130	15,260	12,580	12,777	13,659	17,354	14,088	52,022	57,876	14,496	-13
EBITDA	1,190	1,230	1,660	1,230	2,626	2,640	3,796	2,876	5,259	11,939	1,332	-8
Margins (%)	9.0	9.2	9.8	8.9	17.1	16.2	18.0	17.0	9.2	17.1	8.4	33bp
Depreciation	450	470	510	640	1,580	1,608	1,624	1,652	2,071	6,465	666	-4
Interest	270	280	280	340	713	753	753	793	1,168	3,012	275	23
Other Income	90	80	130	80	108	92	92	130	383	421	95	-16
PBT	560	560	1,000	330	441	371	1,511	561	2,403	2,884	486	-32
Tax	190	180	320	-230	157	121	491	184	465	952	160	
Rate (%)	33.9	32.1	32.0	-69.7	35.5	32.5	32.5	32.7	19.4	33.0	33.0	
MI & Profit/Loss of Asso. Cos.	0	0	0	0	39	0	0	0	48	0	0	
Reported PAT	370	380	680	560	245	250	1,020	378	1,890	1,932	325	72
Adj PAT	370	380	680	210	245	250	1,020	378	1,640	1,270	325	-35
YoY Change (%)	15.6	25.5	53.0	0.0	-33.7	-34.1	50.0	79.8	30.1	-22.6	-80.2	
Margins (%)	2.8	2.8	4.0	1.5	1.6	1.5	4.8	2.2	2.9	1.8	2.1	

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

Other key highlights from results

- Brand Factory SSSG reduced from mid-teens in FY19 to 2.5%, impacted by early EoSS and continuous promotions even during the non-EoSS period in other formats.
- Central reported better SSSG of 7% compared to the year-ago period.
- Central added three stores, taking the total store count to 47. Brand Factory added four stores (added six but closed two), taking the total count to 97 in 1QFY20.

Valuation and view

- FLF is on a healthy store addition trajectory. We expect the company to add 30
 Brand Factory stores and 5 Central stores in FY20.
- SSSG for Brand Factory was subdued; however, it has made changes in terms of discounted inventory and promotions.
- We estimate Central/Brand Factory SSSG of 6%/8% for FY20.
- Performance of own brands remains healthy; we expect revenue CAGR of 18% over FY19-21.
- Based on our workings, the impact of Ind-AS 116 in FY20 should be INR100-120m at the PAT level. Subsequently, we cut our FY20/21 PAT estimate by 6%/4%. (Exhibit 4).
- We expect revenue/adj. PAT CAGR of 21%/28% over FY19-21.
- We have adjusted our TP and EV/EBITDA multiple based on Ind-AS 116 workings.
- Subsequently, we have assigned 7.5x EV/EBITDA on FY21E EBITDA of INR14.3b, arriving at a TP of INR575 (v/s INR585 earlier). At our TP, it is valued at implied P/E of 41x on FY21, which is in line with the three-year average target multiple.

Exhibit 1: Valuation based on FY21E EBITDA

Exhibit 2: FLFL: 1 year forward P/E band

	Methodology	Driver (INR b)	Multiple	Fair Value (INR b)	Value/sh (INR)
EBITDA	FY21 EV/EBITDA	14.3	7	107	560
Less Net debt				-3	-16
Total Value				109	575
Shares o/s (m)				190	
CMP (INR)					451
Upside (%)			·		28

Source: MOFSL, Company

P/E (x) - Avg (x) Max (x) Min (x) +1SD -1SD 120 91.7 90 61.2 60 44.4 30 19.7 0 Dec-18 Jul-15 -eb-16 Sep-16 Apr-17 Dec-14 May-18 Oct-13 May-14 Nov-17

Source: Bloomberg, MOFSL

EV/EBITDA (x) Avg (x) Max (x) -1SD Min (x) +1SD 19 16.0 13.7 14 10.1 6.6 May-15 Jan-16 Jun-16 Oct-16 Dec-17 Jan-19 Aug-14 Dec-14

Exhibit 3: FLFL: 1 year forward EV/EBITDA band

Source: Bloomberg, MOFSL

2

22 July 2019

Exhibit 4: Consol. estimate change summary

	FY20E	FY21E
Revenue (INR m)		
Old	69,816	83,185
Actual/New	69,816	83,185
Change (%)	0.0	0.0
EBITDA (INR m)		
Old	6,583	7,964
Actual/New	11,939	14,301
Change (%)	81.4	79.6
EBITDA margin (%)		
Old	9.4	9.6
Actual/New	17.1	17.2
Change (bp)	767bps	762bps
Depreciation & amortization (INR m)		
Old	2,798	3,447
Actual/New	6,465	8,203
Change (%)	131.0	137.9
Finance cost (INR m)		
Old	1102	783
Actual/New	3012	2548
Change (%)	173.3	225.3
Net Profit (INR m)		
Old	2,056	2,768
Actual/New	1,932	2,668
Change (%)	-6.0	-3.6
EPS (INR)		
Old	10.8	14.5
Actual/New	10.1	14.0
Change (%)	-6.0	-3.6

Source: MOFSL, Company

Exhibit 5: Consol. quarterly performance (INR m)

Consol. P&L (INR m)			Pos	t Ind-AS	116			Pre-Ind-AS	116	
	1QFY19	4QFY19	1QFY20	YoY%	QoQ%	1QFY20	YoY%	QoQ%	1QFY20E	v/s est (%)
Revenue	13,190	13,810	15,403	16.8	11.5	15,438	17.0	11.8	15,828	-2.5
Raw Material cost	8,570	8,630	9,682	13.0	12.2	9,682	13.0	12.2	10,193	-5.0
Gross Profit	4,620	5,180	5,721	23.8	10.4	5,721	23.8	10.4	5,635	1.5
Gross margin	35.0	37.5	37.1	212bps	-37bps	37	6.0	-1.0	35.6	154bps
Employee Costs	750	880	906	20.8	3.0	906	20.8	3.0	886	2.2
Rent	1,260	1,520	337	-73.3	-77.8	1,650	30.9	8.5	1,517	8.8
SGA Expenses	1,420	1,550	1,852	30.4	19.5	1,852	30.4	19.5	1,899	-2.5
Total Expenses	12,000	12,580	12,777	6.5	1.6	14,090	17.4	12.0	14,496	-2.8
EBITDA	1,190	1,230	2,626	120.7	113.5	1,349	13.3	9.7	1,332	1.2
EBITDA margin (%)	9.0	8.9	17.1	803bps	814bps	8.7	-29bps	-17bps	8.4	32bps
Depreciation and amortization	450	640	1,580	251.2	146.9	627	39.3	-2.1	666	-5.9
EBIT	740	590	1,046	41.4	77.3	722	-2.4	22.4	666	8.4
EBIT margin (%)	5.6	4.3	6.8	118bps	252bps	4.7	-93bps	40bps	4.2	47bps
Finance Costs	270	340	713	164.2	109.8	338	25.0	-0.7	275	22.5
Other income	90	80	108	20.1	35.1	102	12.9	27.0	95	6.9
Profit before Tax	560	330	441	-21.3	33.6	486	-13.2	47.3	486	0.1
Tax	190	-230	157	-17.6	-168.0	173	-9.2	-175.0	160	7.6
Tax rate (%)	33.9	-69.7	35.5	157bps	NM	35.5	157bps	10519bps	33.0	250bps
Profit after Tax	370	560	284	-23.1	-49.2	313	-15.3	-44.0	325	-3.7
Profit / (Loss) share of associate/JV	0	0	-39			-39			0	NM
Net Profit	370	560	245	-33.7	-56.2	274	-25.8	-51.0	325	-15.6

Source: MOFSL, Company

 $Motilal\ Oswal$

Exhibit 6: SSSG comparison

	1QFY19	4QFY19	1QFY20E	YoY bp	QoQ bp	1QFY20E	v/s est (%)
Overall	8.2%	8.6%	5.2%	-300	-340		
Central	3.7%	6.5%	7.0%	330	50	4.0%	300
Brand Factory	15.4%	13.1%	2.5%	-1290	-1060	10.0%	-750

Source: MOFSL, Company

Exhibit 7: Stores comparison

	1QFY19	4QFY19	1QFY20E	YoY	QoQ	1QFY20E	v/s est (%)
Central - Total stores	42	44	47	11.9	6.8	47	0.0
Central - Store adds	2	0	3	50.0	NM	3	0.0
Brand Factory - Total stores	69	93	97	40.6	4.3	103	-6
Brand Factory - Store adds	6	4	4	-33.3	0.0	10	-60.0

Source: MOFSL, Company

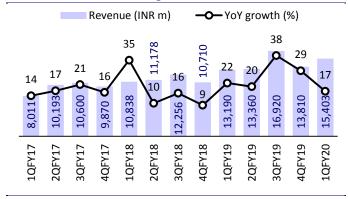
Exhibit 8: Consol. quarterly performance (INR m)

Particulars	Post Ind-AS 116	Pre Ind-AS 116	Change due to Ind-AS 116	Change due to Ind-AS 116 (in %)	Impact of Ind-As 116 (as a % of Sales in bp)
Revenue from Operations	15,403	15,438	NM	NM	NM
Rent & Other Expenses	337	1650	1312.9	80%	850
(as a % of sales)	2%	11%			
EBITDA	2626	1349	-1278	-95%	-831
(as a % of sales)	17%	8.7%			
Depreciation / Amortisation	1580	627	-953	-152%	-620
(as a % of sales)	10%	4%			
EBIT	1046	722	-324	-45%	-212
(as a % of sales)	7%	5%			
Other income	108	102			
Interest & Finance Charges	713	338	-376	-111%	-244
PBT	441	486	45	9%	29
(as a % of sales)	2.9%	3.1%			
Тах	157	173			
Profit for the year	284	313	29	9%	18
(as a % of sales)	1.8%	2.0%	•	•	•

Source: MOFSL, Company

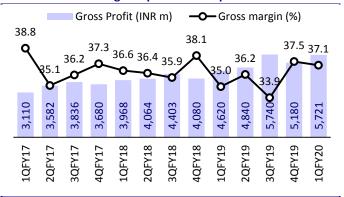
Story in charts

Exhibit 1: Consol. revenue grew 17% YoY



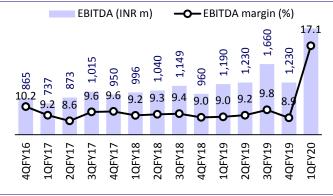
Source: MOFSL, Company

Exhibit 2: Gross margin expanded 210bp YoY to 37.1%



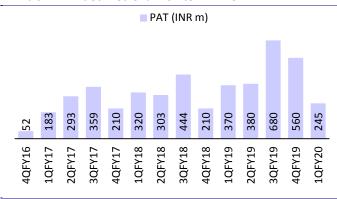
Source: MOFSL, Company

Exhibit 3: EBITDA margins expanded to 17.1%



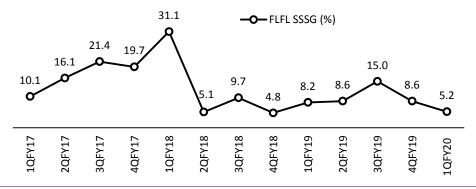
Source: MOFSL, Company

Exhibit 4: PAT declined 34% YoY to INR245m



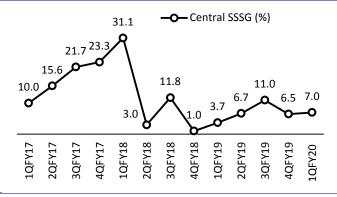
Source: MOFSL, Company

Exhibit 5: Overall SSSG fell 300bp YoY to 8.2%



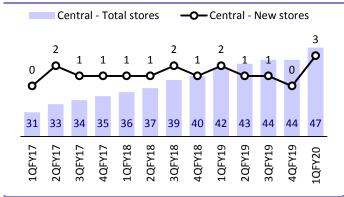
Source: MOFSL, Company

Exhibit 6: Central's SSSG expanded 330bp YoY to 7%



Source: MOFSL, Company

Exhibit 7: Central total stores count stood flat at 47



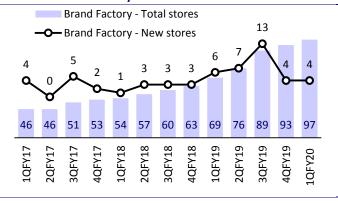
Source: MOFSL, Company

Exhibit 8: Brand Factory SSSG contracted to 2.5%



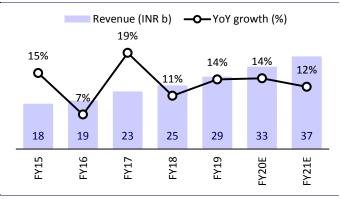
Source: MOFSL, Company

Exhibit 9: Brand Factory total stores count stood at 97



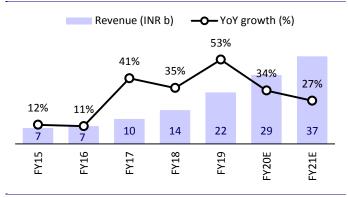
Source: MOFSL, Company

Exhibit 10: Expect healthy Central revenue CAGR of 13% over FY19-21



Source: MOFSL, Company

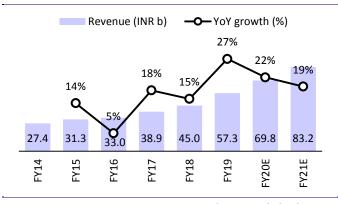
Exhibit 11: Expect strong Brand Factory revenue CAGR of 30% over FY19-21

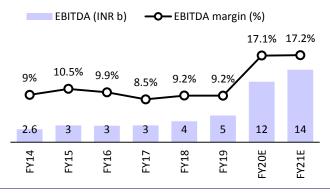


Source: MOFSL, Company

Exhibit 12: Expect healthy consol. revenue CAGR of 21% over FY19-21

Exhibit 13: EBITDA margin to expand to 17% post Ind-AS 116

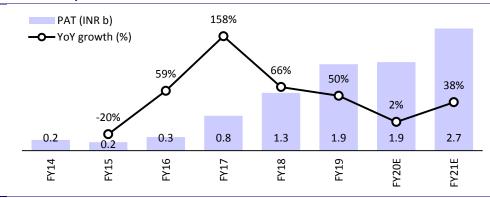




Source: MOFSL, Company

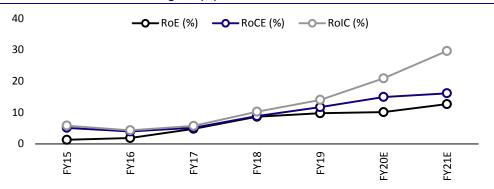
Source: MOFSL, Company

Exhibit 14: Expect consol. PAT CAGR of 19% over FY19-21



Source: MOFSL, Company

Exhibit 15: Return ratios set to grow (%)



Source: MOFSL, Company

Financials and valuations

Consolidated - Income Statement								(INR m)
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20E	FY21E
Total Income from Operations	27,440	31,341	33,002	38,947	44,982	57,281	69,816	83,185
Change (%)	NA	14.2	5.3	18.0	15.5	27.3	21.9	19.1
Raw Materials	16,970	19,194	20,455	24,721	28,468	36,894	44,403	52,947
Employees Cost	1,291	1,692	1,886	2,139	2,649	3,308	3,936	4,645
Rent	2,919	3,462	3,727	4,410	4,528	5,499	1,509	1,809
Other Expenses	3,696	3,691	3,683	4,383	5,200	6,321	8,029	9,483
Total Expenditure	24,876	28,039	29,750	35,653	40,845	52,022	57,876	68,884
% of Sales	90.7	89.5	90.1	91.5	90.8	90.8	82.9	82.8
EBITDA	2,563	3,302	3,252	3,294	4,137	5,259	11,939	14,301
Margin (%)	9.3	10.5	9.9	8.5	9.2	9.2	17.1	17.2
Depreciation	3,852	1,701	1,614	890	1,539	2,071	6,465	8,203
EBIT	-1,289	1,601	1,637	2,404	2,598	3,188	5,474	6,098
Int. and Finance Charges	1,630	1,583	1,353	1,232	1,083	1,168	3,012	2,548
Other Income	3,317	217	165	242	341	383	421	431
PBT bef. EO Exp.	399	235	450	1,414	1,856	2,403	2,884	3,981
EO Items	-57	0	0	689	0	0	0	0
PBT after EO Exp.	342	235	450	2,103	1,856	2,403	2,884	3,981
Total Tax	110	49	155	1,033	586	465	952	1,314
Tax Rate (%)	32.0	21.0	34.5	49.1	31.6	19.4	33.0	33.0
MI/Share of associates	0.0	0.0	0.0	0.0	9.7	47.6	0.0	0.0
Reported PAT	233	185	295	1,070	1,261	1,890	1,932	2,668
Adjusted PAT	271	185	295	719	1,261	1,640	1,932	2,668
Change (%)	NA	-31.7	58.9	144.1	75.2	30.1	17.8	38.1
Margin (%)	1.0	0.6	0.9	1.8	2.8	2.9	2.8	3.2

Consolidated - Balance Sheet								(INR m)
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20E	FY21E
Equity Share Capital	309	372	379	380	381	389	389	389
Total Reserves	12,604	15,325	15,853	13,450	14,915	17,881	19,485	21,825
Net Worth	12,913	15,697	16,232	13,830	15,296	18,270	19,874	22,214
Total Loans	13,696	13,994	13,655	8,818	7,479	8,096	6,596	5,596
Deferred Tax Liabilities	645	650	709	-473	-392	-283	0	0
Capital Employed	27,255	30,341	30,597	22,175	22,383	26,084	26,470	27,810
Gross Block	15,524	16,269	16,814	8,182	11,495	17,059	21,537	26,015
Less: Accum. Deprn.	4,025	3,250	4,386	784	2,251	4,322	10,786	18,989
Net Fixed Assets	11,499	13,019	12,428	7,398	9,245	12,737	10,751	7,026
Capital WIP	1,895	1,721	1,862	1,898	2,905	1,578	1,578	1,578
Total Investments	3,785	3,437	3,754	2,164	2,171	3,490	3,490	3,490
Curr. Assets, Loans & Adv.	22,224	21,312	21,771	24,147	23,272	32,518	35,630	45,243
Inventory	10,240	11,732	13,050	15,058	14,829	20,315	20,084	23,930
Account Receivables	2,632	2,692	2,419	3,028	3,032	3,903	4,591	5,242
Cash and Bank Balance	2,711	597	146	299	452	1,256	6,060	10,516
Loans and Advances	6,642	6,291	6,157	5,763	4,959	7,044	4,896	5,555
Curr. Liability & Prov.	12,149	9,148	9,219	13,432	15,209	24,240	24,979	29,527
Account Payables	8,348	8,288	9,216	12,256	10,932	17,999	17,024	20,284
Other Current Liabilities	3,663	686	-191	709	3,311	5,076	6,790	8,079
Provisions	137	175	195	467	966	1,165	1,165	1,165
Net Current Assets	10,075	12,164	12,552	10,715	8,063	8,278	10,652	15,716
Appl. of Funds	27,255	30,341	30,597	22,175	22,383	26,084	26,471	27,810

E: MOFSL Estimates

Financials and valuations - consolidated

Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20E	FY21E
Basic (INR)								
EPS	1.4	1.0	1.6	3.8	6.6	8.6	10.1	14.0
Cash EPS	21.7	9.9	10.0	8.5	14.7	19.5	44.1	57.1
BV/Share	68.0	82.6	85.4	72.6	80.3	96.0	104.4	116.7
DPS	0.0	0.0	0.0	0.8	1.2	1.4	1.4	1.4
Payout (%)	0.0	0.0	0.0	17.1	21.8	17.3	17.0	12.3
Valuation (x)								
P/E				127.3	72.6	55.8	45.1	32.7
Cash P/E				56.9	32.7	24.7	10.4	8.0
P/BV				6.6	6.0	5.0	4.4	3.9
EV/Sales				2.6	2.2	1.7	1.3	1.0
EV/EBITDA				30.4	23.8	18.7	7.3	5.8
Dividend Yield (%)	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3
FCF per share	-122.6	-4.8	11.6	21.1	5.4	13.7	48.4	41.5
Return Ratios (%)								
RoE	2.1	1.3	1.8	4.8	8.7	9.8	10.1	12.7
RoCE	NA	5.1	4.0	5.1	8.9	11.7	15.0	16.1
RoIC	NA	5.8	4.3	5.7	10.3	14.0	20.9	29.6
Working Capital Ratios								
Fixed Asset Turnover (x)	1.8	1.9	2.0	4.8	3.9	3.4	3.2	3.2
Asset Turnover (x)	1.0	1.0	1.1	1.8	2.0	2.2	2.6	3.0
Inventory (Days)	136	137	144	141	120	129	105	105
Debtor (Days)	35	31	27	28	25	25	24	23
Creditor (Days)	111	97	102	115	89	115	89	89
Leverage Ratio (x)								
Current Ratio	1.8	2.3	2.4	1.8	1.5	1.3	1.4	1.5
Interest Cover Ratio	-0.8	1.0	1.2	2.0	2.4	2.7	1.8	2.4
Net Debt/Equity	0.6	0.6	0.6	0.5	0.3	0.2	-0.1	-0.4

Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY14	FY15	FY16	FY17	FY18	FY19	FY20E	FY21E
OP/(Loss) before Tax	342	235	450	1,795	1,847	2,403	2,884	3,981
Depreciation	3,852	1,701	1,614	890	1,539	2,071	6,465	8,203
Interest & Finance Charges	1,630	1,583	1,353	1,232	1,033	1,168	3,012	2,548
Direct Taxes Paid	-125	-47	-98	-116	-456	-465	-952	-1,314
(Inc)/Dec in WC	-8,468	-1,194	152	2,711	1,453	698	2,713	-608
CF from Operations	-2,769	2,278	3,471	6,512	5,416	5,875	14,121	12,810
Others	-3,160	30	113	249	224	973	-421	-431
CF from Operating incl EO	-5,930	2,308	3,584	6,761	5,640	6,848	13,700	12,379
(Inc)/Dec in FA	-17,364	-3,215	-1,384	-2,737	-4,614	-4,237	-4,478	-4,478
Free Cash Flow	-23,293	-907	2,200	4,024	1,026	2,611	9,222	7,901
(Pur)/Sale of Investments	-490	484	-210	340	-10	-1,320	0	0
Others	12,702	65	41	93	-161	383	421	431
CF from Investments	-5,151	-2,666	-1,553	-2,303	-4,785	-5,174	-4,057	-4,047
Issue of Shares	0	2,721	1	4	4	8	0	0
Inc/(Dec) in Debt	15,419	-2,814	-1,039	-2,964	658	617	-1,500	-1,000
Interest Paid	-1,630	-1,583	-1,353	-1,232	-1,033	-1,168	-3,012	-2,548
Dividend Paid	0	-80	-91	-91	-183	-328	-328	-328
Others	0	0	0	0	0	0	0	0
CF from Fin. Activity	13,790	-1,756	-2,481	-4,283	-555	-871	-4,840	-3,876
Inc/Dec of Cash	2,709	-2,114	-450	174	301	804	4,804	4,456
Opening Balance	2	2,711	597	125	152	452	1,256	6,060
Closing Balance	2,711	597	146	300	452	1,256	6,060	10,516

22 July 2019

NOTES

Explanation of Investment Rating				
Investment Rating	Expected return (over 12-month)			
BUY	>=15%			
SELL	<-10%			
NEUTRAL	< - 10 % to 15%			
UNDER REVIEW	Rating may undergo a change			
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation			

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

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

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

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

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

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

11 22 July 2019

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, it does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com.CIN no.: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

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

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