# Motilal Oswal

# **KECIntl.**

Estimate change		<u> </u>
TP change	Ļ	_
Rating change	$\longleftrightarrow$	_ >

KECI IN
257
50.6 / 0.7
358 / 155
6/-10/-21
108

Financials & Valuations (INR b)	<b>Financials</b>	&	Valuations	(INR b)
---------------------------------	-------------------	---	------------	---------

Y/E Mar	2020	<b>2021E</b>	2022E
Sales	119.7	122.7	133.3
EBITDA	12.3	12.3	13.4
PAT	5.7	5.4	5.9
EBITDA (%)	10.3	10.0	10.0
EPS (INR)	22.0	21.2	23.0
EPS Gr. (%)	16.3	(3.6)	8.4
BV/Sh. (INR)	108.8	126.8	146.5
Ratios			
Net D/E	0.8	0.7	0.6
RoE (%)	20.2	16.7	15.7
RoCE (%)	16.6	14.3	14.3
Payout (%)	12.3	12.7	11.8
Valuations			
P/E (x)	13.8	14.3	13.2
P/BV (x)	2.8	2.4	2.1
EV/EBITDA (x)	8.1	8.1	7.4
Div Yield (%)	0.9	0.9	0.9
FCF Yield (%)	(1.5)	5.6	6.7

### Shareholding pattern (%)

As On	Mar-20	Dec-19	Mar-19
Promoter	51.7	51.6	51.4
DII	27.5	27.8	24.5
FII	8.7	7.6	6.6
Others	12.2	13.0	17.5

FII Includes depository receipts

## CMP: INR197

**TP: INR230 (+17%)** 

Buy

## Steady performance in volatile times

- KEC's 4QFY20 operating results were slightly below our estimates, with revenue miss of 9%. However, lower interest expense (down 23% YoY) was a positive surprise on account of change in the borrowing mix as well as lower average borrowing (v/s last year).
- KEC is steadily diversifying its business to avoid concentration risk from the power T&D business. <u>Non-T&D business' share has increased to 46% of the</u> order book from 12% in FY14, and we expect it to further increase to 60% by FY22E, led by the Railways/Civil segment.
- We have cut our FY21/22E earnings by 12%/10% due to lower order inflow assumption. We forecast revenue/EBITDA/adj. PAT CAGR of 6%/4%/2% over FY20-22E, taking into account the order book position and the need to keep working capital under control. Strong promoter parentage and focus on the balance sheet should help KEC emerge stronger post the COVID-19 crisis v/s peers. Maintain Buy with reduced TP of INR230 (prior: INR250).

### Miss on operating performance; Lower debt key positive

- 4QFY20: Revenue came in at INR36.7b, down 4.4% YoY (9% below est.). EBITDA stood 7% lower YoY at INR3.7b with EBITDA margin down 30bp YoY to 10.1%. PBT came in at INR2.7b, down 10% YoY. Owing to lower effective tax at 28.3% (v/s 33.7% YoY), adj. PAT was flat YoY at INR1.9b. This is 13% below our expectation.
- Reduction in interest cost to INR652m in 4QFY20 v/s INR846m in 4QFY19 is a positive surprise.
- Collections were normal even during the COVID-19 led lockdown, with the company re-paying INR2.1b worth of NCD's on 20<sup>th</sup> Apr'20.
- FY20: Revenues were up 9% YoY to INR120b. EBITDA was up 7% YoY to INR12.3b, with EBITDA margin slightly lower at 10.3% (down 20bp YoY). Adj. PAT stood at INR5.6b, up 16% YoY.
- Order book (OB; including L1 position) stood at INR240b. Excluding L1, OB stood at INR205b at end-FY20. KEC garnered orders worth INR113b in FY20.

### Key takeaways from management commentary

- KEC could not collect ~INR3-4b in the last few days of Mar'20 (due to the lockdown). However, the same was collected in Apr'20. In fact, higher government exposure helped in collections. Management is also positively surprised by the payment clearances from the government, given the uncertain environment and fiscal concerns.
- Around 50% of KEC's labor force is back at various project sites. The company is operating at 80% of its pre-COVID capacity. Management believes that there is no wage inflation risk to EBITDA margins due migration of laborers; however, KEC is planning to use automation increasingly to bring down labor intensity going forward.

### Valuation and view

We have cut our FY21/22E earnings by 12%/10% due to lower order inflow assumption. Maintain Buy with a reduced TP of INR230 (prior: INR250).

Nilesh Bhaiya - Research Analyst (Nilesh.Bhaiya@MotilalOswal.com); +91 22 6129 1556

Pratik Singh - Research Analyst (Pratik.Singh@MotilalOswal.com); +91 22 6129 1543

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

## MOTILAL OSWAL

(INP M)

### **Quarterly performance**

	FY:	19			FY	20		FY19	FY20	MOFSL	Var.
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	-		4QE	Vs Est
21,047	24,085	26,466	38,412	24,125	28,088	30,731	36,710	110,005	119,654	40,199	-9%
13.4	13.1	10.1	4.8	14.6	16.6	16.1	-4.4	9.4	8.8	4.7	
2,162	2,532	2,814	3,990	2,513	2,938	3,185	3,707	11,499	12,343	4,236	-12%
22.6	17.5	15.3	7.9	16.2	16.1	13.2	-7.1	14.3	7.3	6.2	
10.3	10.5	10.6	10.4	10.4	10.5	10.4	10.1	10.5	10.3	10.5	
298	304	309	261	366	347	367	392	1,171	1,472	368	
691	768	857	846	795	822	811	652	3,119	3,080	858	
175	17	36	63	27	36	21	27	226	111	101	
0	-15	-15	-49	0	0	0	0	93	0	0	
1,348	1,492	1,698	2,997	1,379	1,805	2,028	2,691	7,342	7,903	3,111	-14%
480	514	575	1,009	493	414	579	762	2,571	2,247	887	
35.6	34.4	33.8	33.7	35.7	22.9	28.5	28.3	35.0	28.4	28.5	
868	978	1,124	1,988	886	1,391	1,449	1,929	4,771	5,655	2,225	-13%
37.9	9.5	0.9	1.2	2.0	42.2	29.0	-3.0	3.6	18.5	11.9	
868	963	1,109	1,939	886	1,391	1,449	1,929	4,864	5,655	2,225	-13%
37.9	8.9	-0.4	-1.2	2.0	44.4	30.7	-0.5	5.7	16.3	14.7	
	<b>21,047</b> 13.4 <b>2,162</b> 22.6 10.3 298 691 175 0 <b>1,348</b> 480 35.6 <b>868</b> 37.9 <b>868</b>	1Q 2Q   21,047 24,085   13.4 13.1   2,162 2,532   22.6 17.5   10.3 10.5   298 304   691 768   175 17   0 -15   1,348 1,492   480 514   35.6 34.4   868 978   37.9 9.5   868 963	21,047 24,085 26,466   13.4 13.1 10.1   2,162 2,532 2,814   22.6 17.5 15.3   10.3 10.5 10.6   298 304 309   691 768 857   175 17 36   0 -15 -15   1,348 1,492 1,698   480 514 575   35.6 34.4 33.8   868 978 1,124   37.9 9.5 0.9   868 963 1,109	1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412   13.4 13.1 10.1 4.8   2,162 2,532 2,814 3,990   22.6 17.5 15.3 7.9   10.3 10.5 10.6 10.4   298 304 309 261   691 768 857 846   175 177 36 633   105 1.15 -49 346   175 177 36 633   175 175 1,49 346   175 1,79 36 633   175 1,79 36 633   175 1,492 1,698 2,997   480 514 575 1,009   35.6 34.4 33.8 33.7   480 514 575 1,988   37.9 9.5 0.9 1.2   868 963<	1Q 2Q 3Q 4Q 1Q   21,047 24,085 26,466 38,412 24,125   13.4 13.1 10.1 4.8 14.6   2,162 2,532 2,814 3,990 2,513   22.6 17.5 15.3 7.9 16.2   10.3 10.5 10.6 10.4 10.4   298 304 309 261 366   691 768 857 846 795   175 177 36 633 277   0 -15 -15 -49 0   175 177 36 633 277   0 -15 -15 -49 0   175 177 36 337 357   480 514 575 1,009 493   35.6 34.4 33.8 33.7 35.7   868 978 1,124 1,988 886   37.9 </td <td>1Q 2Q 3Q 4Q 1Q 2Q   21,047 24,085 26,466 38,412 24,125 28,088   13.4 13.1 10.1 4.8 14.6 16.6   2,162 2,532 2,814 3,990 2,513 2,938   22.6 17.5 15.3 7.9 16.2 16.1   10.3 10.5 10.6 10.4 10.5 16.1   10.3 10.5 10.6 10.4 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 10.5 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 347 347   691 768 857 846 795 822   175 17 36 63 27 36   175 177 36 2.99 1,309</td> <td>1Q 2Q 3Q 4Q 1Q 2Q 3Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731   13.4 13.1 10.1 4.8 14.6 16.6 16.1   2,162 2,532 2,814 3,990 2,513 2,938 3,185   22.6 17.5 15.3 7.9 16.2 16.1 13.2   10.3 10.5 10.6 10.4 10.4 10.5 10.4   298 304 309 261 366 347 367   691 768 857 846 795 822 811   175 17 36 63 27 36 21   175 17 36 63 27 36 21   175 17 36 63 27 36 21   175 175 149 0 0 0 0   1344</td> <td>1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.1   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.1   298 304 309 261 366 347 367 392   691 768 857 846 795 822 811 652   175 17 36 633 27</td> <td>1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9,4   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3   10.3 10.5 10.6 10.4 10.5 10.4 10.5   228 304 309 261 366 347 367 392 1,171   691 768 857 846 795 822 811 652 3,119   175 177 36 63 27 36 21 226 319   175 177 36 63 27 36 21 27</td> <td>1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005 119,654   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9.4 8.8   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499 12,343   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3 7.3   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.5 10.3   298 304 309 261 366 347 367 392 1,171 1,472   691 768 857 846 795 822 811 652 3,119 3,080   175 177 36 63 27 36 21 27 226</td> <td>1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q 4QE   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005 119,654 40,199   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9.4 8.8 4.7   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499 12,343 4,236   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3 7.3 6.2   10.3 10.5 10.6 10.4 10.5 10.4 10.1 10.5 10.3 10.5   208 304 309 261 366 347 367 392 1,171 1,472 368   691 768 857 846 795 822 811 652 3,119 3,080 858   17</td>	1Q 2Q 3Q 4Q 1Q 2Q   21,047 24,085 26,466 38,412 24,125 28,088   13.4 13.1 10.1 4.8 14.6 16.6   2,162 2,532 2,814 3,990 2,513 2,938   22.6 17.5 15.3 7.9 16.2 16.1   10.3 10.5 10.6 10.4 10.5 16.1   10.3 10.5 10.6 10.4 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 10.5 10.5 16.2 16.1   10.3 10.5 10.6 10.4 10.5 347 347   691 768 857 846 795 822   175 17 36 63 27 36   175 177 36 2.99 1,309	1Q 2Q 3Q 4Q 1Q 2Q 3Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731   13.4 13.1 10.1 4.8 14.6 16.6 16.1   2,162 2,532 2,814 3,990 2,513 2,938 3,185   22.6 17.5 15.3 7.9 16.2 16.1 13.2   10.3 10.5 10.6 10.4 10.4 10.5 10.4   298 304 309 261 366 347 367   691 768 857 846 795 822 811   175 17 36 63 27 36 21   175 17 36 63 27 36 21   175 17 36 63 27 36 21   175 175 149 0 0 0 0   1344	1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.1   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.1   298 304 309 261 366 347 367 392   691 768 857 846 795 822 811 652   175 17 36 633 27	1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9,4   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3   10.3 10.5 10.6 10.4 10.5 10.4 10.5   228 304 309 261 366 347 367 392 1,171   691 768 857 846 795 822 811 652 3,119   175 177 36 63 27 36 21 226 319   175 177 36 63 27 36 21 27	1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005 119,654   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9.4 8.8   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499 12,343   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3 7.3   10.3 10.5 10.6 10.4 10.4 10.5 10.4 10.5 10.3   298 304 309 261 366 347 367 392 1,171 1,472   691 768 857 846 795 822 811 652 3,119 3,080   175 177 36 63 27 36 21 27 226	1Q 2Q 3Q 4Q 1Q 2Q 3Q 4Q 4QE   21,047 24,085 26,466 38,412 24,125 28,088 30,731 36,710 110,005 119,654 40,199   13.4 13.1 10.1 4.8 14.6 16.6 16.1 -4.4 9.4 8.8 4.7   2,162 2,532 2,814 3,990 2,513 2,938 3,185 3,707 11,499 12,343 4,236   22.6 17.5 15.3 7.9 16.2 16.1 13.2 -7.1 14.3 7.3 6.2   10.3 10.5 10.6 10.4 10.5 10.4 10.1 10.5 10.3 10.5   208 304 309 261 366 347 367 392 1,171 1,472 368   691 768 857 846 795 822 811 652 3,119 3,080 858   17

## Current order book provides decent medium-term revenue visibility

Order book stood at INR205b (excl. L1 position) with OB/Rev ratio of 1.7x. Order inflows were lower by 20% YoY at INR113b, owing to delayed tendering activity due to the COVID-19 led shutdown. Of all segments, Railways' order book stood at ~INR60b, with management confident of growing it ~30% YoY in FY21E. In 4QFY20, Cables and Civil segment saw healthy order inflows, while Railways reported a drop in orders due to delayed tendering activity.

### Exhibit 1: Order book break-up trend

Order book (INR m)	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20
Power T&D	60%	60%	63%	59%	60%	56%	49%	50%
SAE	10%	10%	10%	10%	10%	9%	6%	5%
Railways	26%	25%	23%	26%	25%	29%	31%	29%
Solar	0%	1%	0%	1%	1%	1%	1%	1%
Cables	1%	2%	2%	2%	2%	2%	2%	2%
Civil	2%	2%	2%	2%	2%	4%	11%	13%
Order backlog	1,81,910	2,01,350	2,05,920	2,03,070	1,90,160	1,80,850	2,20,110	2,05,030
Growth	34.4%	43.7%	20.1%	17.4%	4.5%	-10.2%	6.9%	1.0%
OB/Rev	1.8	1.9	1.9	1.8	1.7	1.5	1.8	1.7

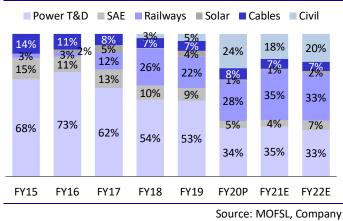
Source: MOFSL, Company

### Exhibit 2: Revenue trend

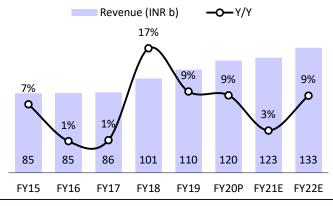
Revenue (INR m)	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20
Power T&D (incl. SAE)	12,770	15,180	17,580	27,520	15,990	19,780	21,350	24,620
Railways	3,130	4,210	5,510	6,330	5,220	5,680	6,010	8,610
Solar	1,600	1,330	160	330	340	110	90	320
Cables	2,590	2,650	3,100	3,490	2,630	2,490	2,490	2,170
Civil	1,190	1,060	1,100	1,630	650	600	1,200	1,630
Gross revenue	21,280	24,430	27,450	39,300	24,830	28,660	31,140	37,350
Others/eliminations	-233	-346	-984	-888	-706	-572	-409	-640
Net revenue	21,047	24,085	26,466	38,412	24,125	28,088	30,731	36,710
Growth	13%	13%	10%	5%	15%	17%	16%	-4%
Power T&D rev growth	-14%	-11%	-5%	-1%	25%	30%	21%	-11%
Non-power T&D rev growth	123%	110%	60%	22%	-2%	-7%	6%	11%

Source: MOFSL, Company

## Exhibit 3: Concentration risk in order inflow declining as share of Power T&D (incl. SAE) is expected to decrease

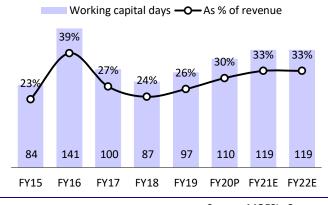






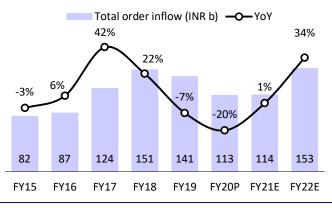
Source: MOFSL, Company

# Exhibit 7: We have built higher working capital cycle, given uncertain macro environment



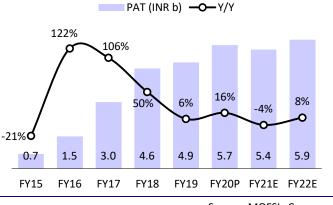
Source: MOFSL, Company

# Exhibit 4: We build in order inflows of INR114b/INR153b for FY21/FY22E



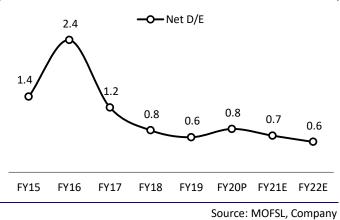
Source: MOFSL, Company

### Exhibit 6: Estimate PAT CAGR of 2% over FY20-22E



Source: MOFSL, Company





## Exhibit 9: RoEs to remain healthy, despite taking into account macro uncertainties

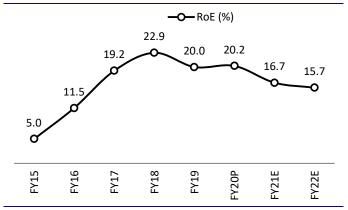
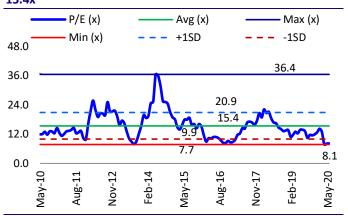


Exhibit 10: KEC trading at a discount to long-term average of 15.4x



Source: MOFSL, Company

Source: MOFSL, Company

## Valuation and outlook

- Business diversification over past 5 years: For long, KEC has been seen as a proxy play on Power Grid's capex, which is now slowing down, leading to concerns around the growth outlook of the company. However, management has been able to successfully reduce dependency on its traditional single-largest client. Non-T&D business share has increased to 46% of the order book from 12% in FY14 and we expect it to increase further to 60% by FY22E, led by the Railways/Civil segment.
- Leverage to remain under control: KEC has been able to scale down its Net D/E from peak of 2.4x in FY16 to 0.8x in FY20. We expect net D/E ratio to further decline. Increase in leverage was due to its entry into the transmission BOOT project, which had led to an increase in debt of INR10b. With KEC monetizing the asset and preferring to remain an asset-light EPC player, the balance sheet risk is likely to remain under control.
- Maintain Buy: We maintain Buy rating on the stock with a reduced TP of INR230 given (a) the strong order book position (INR205b; 1.7x its TTM revenue + L1 position of INR40b), (b) the declining business concentration risk due to foray into railways, civil, etc., and (c) reasonable valuations. Strong promoter parentage and focus on the balance sheet should help the company emerge stronger post-COVID compared to peers, in our view.

Earnings Change	Old		New	1	Char	ige
Rs m	FY21E	FY22E	FY21E	FY22E	FY21E	FY22E
Revenue	1,28,002	1,35,477	1,22,670	1,33,349	-4%	-2%
EBITDA	13,380	14,162	12,323	13,396	-8%	-5%
EBITDA margin	10.5%	10.5%	10.0%	10.0%	-0.4%	-0.4%
Adj. PAT	6,164	6,544	5,449	5,905	-12%	-10%

### Exhibit 11: We cut our FY21/FY22E earnings by 12%/10%

Source: Company, MOFSL

## **Financials and valuations**

Y/E March	2018	2019	2020	2021E	2022E
Total Revenues	1,00,526	1,10,005	1,19,654	1,22,670	1,33,349
Change (%)	17.1	9.4	8.8	2.5	8.7
Raw Materials	72,670	81,230	84,182	86,304	93,817
Staff Cost	7,984	8,322	11,044	11,654	12,668
Other Expenses	9,816	8,954	12,084	12,389	13,467
EBITDA	10,057	11,499	12,343	12,323	13,396
% of Total Revenues	10.0	10.5	10.3	10.0	10.0
Other income	207	226	111	114	124
Depreciation	1,097	1,171	1,472	1,664	1,838
Interest	2,294	3,119	3,080	3,204	3,479
РВТ	6,873	7,435	7,903	7,569	8,202
Тах	2,290	2,571	2,247	2,119	2,297
Rate (%)	33.3	34.6	28.4	28.0	28.0
Adjusted PAT	4,583	4,864	5,655	5,449	5,905
EO Income (net)	21	93	0	0	0
Reported PAT	4,604	4,958	5,655	5,449	5,905
Change (%)	51.1	7.7	14.1	-3.6	8.4
Balance Sheet					(INR M)
					,,

2018	2019	2020	2021E	2022E
514	514	514	514	514
19,460	23,837	27,462	32,078	37,150
19,975	24,351	27,976	32,592	37,665
17,604	18,343	23,797	23,797	23,797
1,007	1,183	527	527	527
38,585	43,877	52,300	56,916	61,988
16,012	17,563	20,540	22,540	25,040
6,810	7,776	9,248	10,912	12,751
9,202	9,787	11,292	11,628	12,290
781	73	840	840	840
393	132	225	225	225
1,920	2,037	2,226	2,226	2,226
92,829	1,04,602	1,13,963	1,20,166	1,31,381
6,274	6,410	7,758	7,954	8,646
50,444	48,753	54,448	58,814	63,934
2,313	2,762	1,637	2,014	2,944
604	336	1,130	1,158	1,259
33,194	46,342	48,991	50,226	54,598
66,540	72,755	76,246	78,168	84,973
65,531	72,112	75,485	77,388	84,125
1,009	643	761	780	848
26,290	31,848	37,717	41,998	46,408
38,585	43,877	52,300	56,916	61,988
	514 19,460 19,975 17,604 1,007 38,585 16,012 6,810 9,202 781 393 1,920 92,829 6,274 50,444 2,313 604 33,194 66,540 65,531 1,009 26,290	514 514   19,460 23,837   19,975 24,351   17,604 18,343   1,007 1,183   38,585 43,877   16,012 17,563   6,810 7,776   9,202 9,787   781 73   393 132   1,920 2,037   92,829 1,04,602   6,274 6,410   50,444 48,753   2,313 2,762   604 336   33,194 46,342   66,540 72,755   65,531 72,112   1,009 643   26,290 31,848	51451451419,46023,83727,46219,97524,35127,97617,60418,34323,7971,0071,18352738,58543,87752,30016,01217,56320,5406,8107,7769,2489,2029,78711,292781738403931322251,9202,0372,22692,8291,04,6021,13,9636,2746,4107,75850,44448,75354,4482,3132,7621,6376043361,13033,19446,34248,99166,54072,75576,24665,53172,11275,4851,00964376126,29031,84837,717	51451451451419,46023,83727,46232,07819,97524,35127,97632,59217,60418,34323,79723,7971,0071,18352752738,58543,87752,30056,91616,01217,56320,54022,5406,8107,7769,24810,9129,2029,78711,29211,628781738408403931322252251,9202,0372,2262,22692,8291,04,6021,13,9631,20,1666,2746,4107,7587,95450,44448,75354,44858,8142,3132,7621,6372,0146043361,1301,15833,19446,34248,99150,22666,54072,75576,24678,16865,53172,11275,48577,3881,00964376178026,29031,84837,71741,998

## **Financials and valuations**

Ratios					
Y/E March	2018	2019	2020	2021E	2022E
Adj EPS	17.8	18.9	22.0	21.2	23.0
Cash EPS	22.1	23.5	27.7	27.7	30.1
Book Value	77.7	94.7	108.8	126.8	146.5
DPS	2.4	2.7	2.7	2.7	2.7
Payout (incl. Div. Tax.)	13.4	14.0	12.3	12.7	11.8
Valuation (x)					
P/E	17.1	16.1	13.8	14.3	13.2
EV/EBITDA	9.3	8.2	8.1	8.1	7.4
EV/Sales	0.9	0.9	0.8	0.8	0.7
Price/Book Value	3.9	3.2	2.8	2.4	2.1
Dividend Yield (%)	0.8	0.9	0.9	0.9	0.9
Profitability Ratios (%)					
RoE	23.1	20.4	20.2	16.7	15.7
RoCE	16.5	17.4	16.6	14.3	14.3
RoIC	18.8	18.5	17.5	16.2	16.4
Turnover Ratios					
Debtors (Days)	183	162	166	175	175
Inventory (Days)	23	21	24	24	24
Creditors (Days)	238	239	230	230	230
Asset Turnover (x)	2.6	2.5	2.3	2.2	2.2
Leverage Ratio					
Net Debt/Equity (x)	0.8	0.6	0.8	0.7	0.6
					(
Cash Flow Statement					(INR M)
Y/E March	2018	2019	2020	2021E	2022E
PBT before EO Items	6,902	7,528	7,903	7,569	8,202
Depreciation	1,097	1,171	1,472	1,664	1,838
Interest & other	2,466	3,119	3,080	3,204	
Direct Taxes Paid	2 200				3,479
	-2,298	-2,571	-2,904	-2,119	-2,297
(Inc)/Dec in WC	-1,401	-5,110	-2,904 -6,995	-2,119 -3,904	-2,297 -3,481
CF from Operations	-1,401 <b>6,386</b>	-5,110 <b>3,992</b>	-2,904 -6,995 <b>2,556</b>	-2,119 -3,904 <b>6,414</b>	-2,297 -3,481 <b>7,742</b>
CF from Operations (Inc)/Dec in FA	-1,401 <b>6,386</b> -816	-5,110 <b>3,992</b> -582	-2,904 -6,995 <b>2,556</b> -3,744	-2,119 -3,904 <b>6,414</b> -2,000	-2,297 -3,481 <b>7,742</b> -2,500
CF from Operations (Inc)/Dec in FA Free Cash Flow	-1,401 <b>6,386</b> -816 <b>5,571</b>	-5,110 <b>3,992</b> -582 <b>3,410</b>	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b>	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b>	-2,297 -3,481 <b>7,742</b>
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments	-1,401 6,386 -816 5,571 0	-5,110 <b>3,992</b> -582 <b>3,410</b> 0	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b> -93	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments	-1,401 <b>6,386</b> -816 <b>5,571</b>	-5,110 3,992 -582 3,410 0 -582	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b>	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b>	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b>
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt	-1,401 6,386 -816 5,571 0 -816 -2,378	-5,110 3,992 -582 3,410 0 -582 739	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b> -93 <b>-3,837</b> 5,454	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205	-5,110 3,992 -582 3,410 0 -582	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b> -93 <b>-3,837</b> 5,454 -3,080	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b>	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b>
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt Interest Paid Dividend Paid	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205 -727	-5,110 <b>3,992</b> -582 <b>3,410</b> 0 <b>-582</b> 739 -3,167 -614	-2,904 -6,995 <b>2,556</b> -3,744 <b>-1,188</b> -93 -93 -3,837 5,454 -3,080 -833	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt Interest Paid Dividend Paid Others	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205 -727 234	-5,110 <b>3,992</b> -582 <b>3,410</b> 0 <b>-582</b> 739 -3,167 -614 32	-2,904 -6,995 <b>2,556</b> -3,744 -1,188 -93 -93 -3,837 5,454 -3,080 -833 -1,386	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0 -3,204 -833 0	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0 - <b>2,500</b> 0 - <b>3</b> ,479
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt Interest Paid Dividend Paid Others CF from Fin. Activity	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205 -727	-5,110 <b>3,992</b> -582 <b>3,410</b> 0 <b>-582</b> 739 -3,167 -614	-2,904 -6,995 <b>2,556</b> -3,744 -1,188 -93 -93 -3,837 5,454 -3,080 -833 -1,386 155	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0 -3,204 -833	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0 <b>-2,500</b> 0 -3,479 -833
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt Interest Paid Dividend Paid Others CF from Fin. Activity Inc/Dec of Cash	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205 -727 234 -5,076 495	-5,110 <b>3,992</b> -582 <b>3,410</b> 0 <b>-582</b> 739 -3,167 -614 32	-2,904 -6,995 <b>2,556</b> -3,744 -1,188 -93 -93 -3,837 -3,080 -3,080 -833 -1,386 155 -1,125	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0 -3,204 -833 0 -4,037 <b>377</b>	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0 - <b>3,479</b> -833 0
CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur)/Sale of Investments CF from Investments (Inc)/Dec in Debt Interest Paid Dividend Paid Others CF from Fin. Activity	-1,401 6,386 -816 5,571 0 -816 -2,378 -2,205 -727 234 -5,076	-5,110 3,992 -582 3,410 0 -582 739 -3,167 -614 32 -3,010	-2,904 -6,995 <b>2,556</b> -3,744 -1,188 -93 -93 -3,837 5,454 -3,080 -833 -1,386 155	-2,119 -3,904 <b>6,414</b> -2,000 <b>4,414</b> 0 <b>-2,000</b> 0 -3,204 -833 0 -4,037	-2,297 -3,481 <b>7,742</b> -2,500 <b>5,242</b> 0 <b>-2,500</b> 0 <b>-3,479</b> -833 0 <b>-4,312</b>

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

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

#### Disclosures

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

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

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

### Regional Disclosures (outside India)

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

### For Hong Kong:

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

### For U.S.

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

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

### For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL

#### **Specific Disclosures**

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company. 1
- 2 MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months 3
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company 5
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months 6
- MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months

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

MOFSL has not engaged in market making activity for the subject company 10

#### The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services. The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

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

### Analyst Certification

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

#### **Terms & Conditions:**

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

#### **Disclaimer:**

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

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

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

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