Wipro

BSE SENSEX 50,846





Motilal Oswal

S&P CNX

15,081

Stock Info

Bloomberg	WPRO IN
Equity Shares (m)	5,693
M.Cap.(INRb)/(USDb)	2404.4 / 33
52-Week Range (INR)	467 / 160
1, 6, 12 Rel. Per (%)	2/26/59
12M Avg Val (INR M)	4527

Financials Snapshot (INR b)

Y/E Mar	2021E	2022E	2023E
Sales	620	701	778
EBIT Margin (%)	19.7	20.6	20.5
PAT	107	124	137
EPS (INR)	18.5	21.6	23.9
EPS Gr. (%)	12.5	17.1	10.6
BV/Sh. (INR)	94.2	93.6	93.1
Ratios			
RoE (%)	19.5	23.2	25.8
RoCE (%)	16.0	19.2	21.2
Payout (%)	100.0	85.0	85.0
Valuations			
P/E (x)	23.8	20.3	18.4
P/BV (x)	4.7	4.7	4.7
EV/EBITDA (x)	15.1	12.8	11.4
Div Yield (%)	4.2	4.2	4.6

Shareholding pattern (%)

Dec-20	Sep-20	Dec-19
74.0	74.0	74.0
6.1	6.5	7.0
8.8	8.8	8.9
11.1	10.7	10.1
	74.0 6.1 8.8	74.0 74.0 6.1 6.5 8.8 8.8

FII Includes depository receipts

Stock Performance (1-year)



CMP: INR439

TP: INR450 (+3%)

Neutral

Bold consulting move comes with increased risks

Wipro (WPRO) announced the acquisition of Capco, a London-based BFSI-focused business and technology consulting firm, for a sum of USD1.45b on 4th March 2021.

Elevated valuation to require flawless execution

- We see Wipro's aspiration to scale up its BFSI practice as a positive, especially given the potential spend by large banks on technology over the next few years. Moreover, Indian IT companies have historically lagged behind their global peers in terms of consulting capabilities - this is a gap that Capco could bridge for Wipro.
 - However, we see significant risk from this acquisition on account of a) integration risk due to Wipro's weak track record and b) execution risk on challenges related to realizing potential synergies. The execution risk is further aggravated by a weak growth performance from Capco over the last two years - even after adjusting for the drag due to COVID-19.
- Finally, our analysis suggests Wipro has paid c20x Capco's 2020 EBITDA, a significant premium despite unexciting growth. This, in our view, should result in additional pressure on Wipro's share price in the near term - as investors would wait for benefits from the acquisition to start accruing before rewarding Wipro.
- Assuming consulting margins and industry average amortization, the successful completion of this acquisition would result in a) our FY22 USD revenues rising 700bps and b) a negative impact of 6–7% on our FY22 EPS. We are not factoring in the impact in our estimates pending deal completion.
- We continue to see Wipro as the least preferred name in our large-cap coverage on account of its weak growth performance.

Capco to add to Wipro's BFSI capabilities

- Capco (incorporated in 1998) is a London-based consulting firm operating in the BFSI market – with more than 5K consultants and 100+ clients across the globe.
- Capco has a strong market positioning as a consulting firm in the BFSI industry. It has worked across the Banking, Capital Markets, Wealth & Asset Management, and Insurance sectors in the past 20 years.
- Capco's consulting capabilities would enable Wipro to provide end-to-end solutions, therefore offering a better go-to-market pitch.
- WPRO also expects to capitalize on Capco's relationships with CXOs to go beyond CIOs to source deals.

Wipro to pay 2x 2020 EV/sales for the acquisition

- Wipro would acquire 100% of Capco for a purchase consideration of USD1.45b (using cash + debt). The transaction is expected to be completed by June'22.
- Capco reported CY20 revenues of USD720m, implying 2.0x EV/sales.
- Wipro expects significant revenue synergies from the combined entity, although it has not quantified any specific goals.

Mukul Garg - Research analyst (Mukul.Garg@MotilalOswal.com)

Research analyst: Anmol Garg (Anmol.Garg@MotilalOswal.com) / Heenal Gada (Heenal.Gada@MotilalOswal.com)

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

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

- It expects the acquisition to be margin-dilutive in FY22 (200bps impact) and EPS to turn accretive by the third year post the acquisition.
- As of 3QFY21, WIPRO had USD5.2b net cash, giving it sufficient room to easily go through with the transaction.

Valuation and view

- We are not changing our current estimates given that the deal is yet to be completed. We see the transaction as EPS-dilutive (6–7%) for FY22E.
- Ongoing restructuring and investments would take a toll on margins in the near term, eating away at gains from operational efficiency. Even lower margins from acquiring Capco would further put pressure on the bottom line.
- We remain vigilant of the fact that Capco has not grown in revenues over CY18– 20 and thus remains a concern even on the topline. We continue to view Wipro as the least preferred name in our large-cap coverage due to its weak growth performance. Maintain Neutral.

Exhibit 1: Expect 6–7% fall in FY22 EPS

FY22E	Current estimates	Estimates on Deal completion	Change (%)
Revenue (USD m)	9,343	9,937	6.4%
Revenue Growth (YoY %)	12.6%	19.8%	720bps
EBIT (USD m)	1,922	1,836	-4.5%
EBIT margin (%)	20.6%	18.5%	-210bps
PAT (USD m)	1,652	1,543	-6.6%
PAT margin (%)	17.7%	15.5%	-220bps

Source: MOFSL, Company

Financials and valuations

									(INR b)
Y/E March	2015	2016	2017	2018	2019	2020	2021E	2022E	2023E
Sales	470	512	550	545	586	610	620	701	778
Change (%)	8.1	9.1	7.4	-1.0	7.5	4.2	1.5	13.1	11.1
Operating Costs	321	357	392	386	413	436	425	478	530
SG&A	53	59	69	75	75	69	73	78	89
EBITDA	108	112	113	105	117	126	149	174	193
% of Net Sales	23.1	21.9	20.5	19.3	19.9	20.6	24.1	24.9	24.8
Depreciation & Amort.	13	15	23	21	19	21	28	30	33
EBIT	95	97	90	84	97	105	122	144	160
Margins	20.3	18.9	16.3	15.5	16.6	17.2	19.7	20.6	20.5
Other Income	16	18	21	18	18	17	17	17	18
РВТ	112	115	110	102	115	123	139	161	178
Тах	25	25	25	22	25	25	31	36	40
Rate (%)	22.0	22.1	22.8	21.8	21.9	20.2	22.3	22.5	22.5
РАТ	87	89	85	80	90	98	108	124	138
Minority Interest	1	0	0	0	0	0	1	1	1
Adjusted PAT	87	89	85	80	90	97	107	124	137
Change (%)	11.0	2.8	-4.5	-5.7	12.4	8.0	9.8	16.1	10.8
Balance Sheet Y/E March	2015	2016	2017	2018	2019	2020	2021E	2022E	(INR b) 2023E
Share Capital	5	5	5	9	12	11	11	11	11
Reserves	403	460	515	474	556	546	525		
Net Worth	408						525	522	519
		465	520	483	568		525 537	522 533	519 531
Minority Interest & others		465 23	520 24	483 19	568 22	557	525 537 38	522 533 44	519 531 49
Minority Interest & others	15	23	24	19	22	557 38	537 38	533 44	531 49
Loans	15 79	23 125	24 142	19 138	22 99	557 38 78	537 38 68	533 44 58	531 49 48
i	15 79 502	23 125 613	24 142 687	19 138 640	22 99 690	557 38 78 674	537 38 68 643	533 44 58 635	531 49 48 627
Loans Capital Employed Gross Block	15 79	23 125	24 142	19 138	22 99	557 38 78	537 38 68	533 44 58	531 49 48
Loans Capital Employed	15 79 502 127	23 125 613 150	24 142 687 178	19 138 640 194	22 99 690 220	557 38 78 674 268	537 38 68 68 643 283	533 44 58 635 297	531 49 48 627 309
Loans Capital Employed Gross Block Less : Depreciation	15 79 502 127 73	23 125 613 150 85	24 142 687 178 108	19 138 640 194 130	22 99 690 220 149	557 38 78 674 268 170	537 38 68 643 283 191	533 44 58 635 297 215	531 49 48 627 309 242
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments	15 79 502 127 73 54	23 125 613 150 85 65	24 142 687 178 108 70	19 138 640 194 130 64	22 99 690 220 149 71 13	557 38 78 674 268 170 98	537 38 68 643 283 191 92	533 44 58 635 297 215 82	531 49 48 627 309 242 67
Loans Capital Employed Gross Block Less : Depreciation Net Block	15 79 502 127 73 54 0	23 125 613 150 85 65 5	24 142 687 178 108 70 7	19 138 640 194 130 64 13	22 99 690 220 149 71	557 38 78 674 268 170 98 11	537 38 68 643 283 191 92 11	533 44 58 635 297 215 82 11	531 49 48 627 309 242 67 11
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets	15 79 502 127 73 54 0 76	23 125 613 150 85 65 5 5 118	24 142 687 178 108 70 7 142	19 138 640 194 130 64 13 136	22 99 690 220 149 71 13 131	557 38 78 674 268 170 98 11 147	537 38 68 643 283 191 92 11 147	533 44 58 635 297 215 82 11 147	531 49 48 627 309 242 67 11 147
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets	15 79 502 127 73 54 0 76 33 436	23 125 613 150 85 65 5 118 33 503	24 142 687 178 108 70 7 142 36 539	19 138 640 194 130 64 13 136 41 506	22 99 690 220 149 71 13 131 47	557 38 78 674 268 170 98 11 147 41 520	537 38 68 643 283 191 92 11 147 41 505	533 44 58 635 297 215 82 11 147 43	531 49 48 627 309 242 67 11 147 44 555
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets	15 79 502 127 73 54 0 76 33	23 125 613 150 85 65 5 118 33	24 142 687 178 108 70 7 142 36	19 138 640 194 130 64 13 136 41	22 99 690 220 149 71 13 131 47 572	557 38 78 674 268 170 98 11 147 41	537 38 68 643 283 191 92 11 147 41	533 44 58 635 297 215 82 11 147 43 530	531 49 48 627 309 242 67 11 147 44
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets Debtors	15 79 502 127 73 54 0 76 33 436 134	23 125 613 150 85 65 5 118 33 503 148	24 142 687 178 108 70 7 142 36 539 140	19 138 640 194 130 64 13 136 41 506 143	22 99 690 220 149 71 13 131 47 572 123	557 38 78 674 268 170 98 11 147 41 520 130	537 38 68 643 283 191 92 11 147 41 505 131	533 44 58 635 297 215 82 11 147 43 530 134	531 49 48 627 309 242 67 11 147 44 555 138
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets Debtors Inventories	15 79 502 127 73 54 0 76 33 436 134 5	23 125 613 150 85 65 5 118 33 503 148 5	24 142 687 178 108 70 7 142 36 539 140 4 53	19 138 640 194 130 64 13 136 41 506 143 3	22 99 690 220 149 71 13 131 47 572 123 4	557 38 78 674 268 170 98 111 147 41 520 130 2	537 38 68 643 283 191 92 111 147 41 505 131 2	533 44 58 635 297 215 82 11 147 43 530 134 2	531 49 48 627 309 242 67 11 147 44 555 138 2
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets Debtors Inventories Cash & Bank Balance	15 79 502 127 73 54 0 76 33 436 134 5 5 159	23 125 613 150 85 65 5 118 33 503 148 5 99	24 142 687 178 108 70 7 142 36 539 140 4	19 138 640 194 130 64 13 136 41 506 143 3 45	22 99 690 220 149 71 13 131 47 572 123 4 159	557 38 78 674 268 170 98 11 147 41 520 130 2 144	537 38 68 643 283 191 92 11 147 41 505 131 2 108	533 44 58 635 297 215 82 11 147 43 530 134 2 106	531 49 48 627 309 242 67 11 147 44 555 138 2 104
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets Debtors Inventories Cash & Bank Balance Adv., Other Current Assets	15 79 502 127 73 54 0 76 33 436 134 134 5 159 85	23 125 613 150 85 65 5 118 33 503 148 5 99 99	24 142 687 178 108 70 7 142 36 539 140 4 53 50	19 138 640 194 130 64 13 136 41 506 143 3 45 65	22 99 690 220 149 71 13 131 47 572 123 4 159 46	557 38 78 674 268 170 98 11 147 41 520 130 2 144 54	537 38 68 643 283 191 92 111 147 41 505 131 2 108 55	533 44 58 635 297 215 82 11 147 43 530 134 2 106 58	531 49 48 627 309 242 67 11 147 44 555 138 2 104 60
Loans Capital Employed Gross Block Less : Depreciation Net Block Investments Intangible Assets Other non-current assets Curr. Assets Debtors Inventories Cash & Bank Balance Adv., Other Current Assets Investments	15 79 502 127 73 54 0 76 33 436 134 5 134 5 159 85 54	23 125 613 150 85 65 5 118 33 503 148 5 99 46 204	24 142 687 178 108 70 7 142 36 539 140 4 53 50 292	19 138 640 194 130 64 13 136 41 506 143 3 45 65 249	22 99 690 220 149 71 13 131 47 572 123 4 159 46 240	557 38 78 674 268 170 98 11 147 41 520 130 2 144 54	537 38 68 643 283 191 92 11 147 41 505 131 2 108 55 210	533 44 58 635 297 215 82 11 147 43 530 134 2 106 58 230	531 49 48 627 309 242 67 11 147 44 555 138 2 104 60 250

E: MOFSL Estimates

Financials and valuations

Ratios									
Y/E March	2015	2016	2017	2018	2019	2020	2021E	2022E	2023E
Basic (INR)									
EPS	13.2	13.6	13.0	12.5	14.6	16.4	18.5	21.6	23.9
Cash EPS*	15.1	15.9	16.7	16.0	18.2	20.2	23.5	26.8	29.7
Book Value	62.4	71.2	80.6	76.5	94.8	95.6	94.2	93.6	93.1
DPS	12.0	12.0	2.0	1.0	5.1	1.0	18.5	18.4	20.3
Payout %	90.9	88.5	15.3	8.1	35.0	6.1	100.0	85.0	85.0
Valuation (x)									
P/E	33.3	32.4	33.7	35.1	30.1	26.8	23.8	20.3	18.4
Cash P/E	29.0	27.7	26.3	27.4	24.1	21.7	18.7	16.4	14.8
EV/EBITDA	25.3	24.0	23.3	24.8	20.0	18.3	15.1	12.8	11.4
EV/Sales	5.8	5.3	4.8	4.8	4.0	3.8	3.6	3.2	2.8
Price/Book Value	7.0	6.2	5.4	5.7	4.6	4.6	4.7	4.7	4.7
Dividend Yield (%)	2.7	2.7	0.5	0.2	1.2	0.2	4.2	4.2	4.6
Profitability Ratios (%)									
RoE	23.0	20.4	17.2	16.0	17.1	17.3	19.5	23.2	25.8
RoCE	18.6	16.1	13.0	11.9	13.1	13.7	16.0	19.2	21.2
Turnover Ratios									
Debtors (Days)	104	105	93	96	77	78	77	70	65
Asset Turnover (x)	0.9	0.8	0.7	0.7	0.7	0.7	0.8	0.9	1.0
Cash Flow Statement									(INR b)
Y/E March	2015	2016	2017	2018	2019	2020	2021E	2022E	2023E
CF from Operations	86	85	88	85	89	124	128	148	164
Cash for Wkg. Capital	-8	-6	5	-1	27	-24	9	21	16
Net Operating CF	78	79	93	84	116	101	137	169	180
Net Purchase of FA	-11	-13	-16	-21	-21	-22	-15	-14	-12
Other change in investments	-15	-125	-100	56	71	56	-20	-20	-20
Dividend from Subsidiary									
Net Cash from Invest.	-26	-138	-116	36	50	34	-35	-34	-32
Issue of Shares/Other adj	0	0	0	0	0	0	0	0	0
Proceeds from LTB/STB	20	34	11	-14	-44	-142	-15	-15	-15
Dividend Payments	-28	-35	-34	-116	-5	-8	-123	-122	-135
Net CF from Finan.	-9	-2	-23	-130	-49	-151	-138	-137	-150
Free Cash Flow	67	66	77	64	95	78	121	155	168
Net Cash Flow	44	-61	-46	-10	117	-16	-36	-2	-2
Forex difference	1	1	-1	0	1	2	0	0	0
Opening Cash Bal.	113	157	97	49	39	157	143	107	104
Add: Net Cash	45	-60	-48	-10	118	-14	-36	-2	-2
Closing Cash Bal.	157	97	49	39	157	143	107	104	102
E: MOESI Estimates									

E: MOFSL Estimates

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

*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 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 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 MOČMSPL 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. 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
- 4
- Research Analyst has not served as director/officer/employee in the subject company MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months 6
- MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 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

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.: INP00000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Vealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a 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.

Wipro