

Info Edge

Estimate change TP change Rating change

Bloomberg	INFOE IN
Equity Shares (m)	129
M.Cap.(INRb)/(USDb)	561.5 / 6.7
52-Week Range (INR)	4985 / 3308
1, 6, 12 Rel. Per (%)	4/6/3
12M Avg Val (INR M)	1387

Financials & Valuations (INR b)

Y/E Mar	2023	2024E	2025E
Sales	21.6	23.8	26.6
EBITDA	7.8	9.3	10.1
Adj. PAT	7.1	8.1	8.7
Reported PAT	4.1	8.1	8.7
Adj. EPS	54.6	62.8	67.1
EPS (INR)	31.8	62.8	67.1
EPS Gr. (%)	(6.7)	97.4	6.9
BV/Sh. (INR)	849.3	912.5	980.0
Ratios			
RoE (%)	4.9	6.2	13.1
RoCE (%)	5.3	6.8	6.8
Payout (%)	50.0	50.0	50.0
Valuations			
P/E (x)	136.6	69.2	64.7
P/BV (x)	5.1	4.8	4.4

Shareholding pattern (%)

As On	Sep-23	Jun-23	Sep-22
Promoter	38.0	38.1	38.1
DII	18.8	18.2	16.9
FII	31.3	31.7	32.0
Others	12.0	12.1	13.0

FII Includes depository receipts

CMP: INR4,345 TP: INR4,390 (+1%) Neutral

IT weakness to drag Naukri's performance in FY24E

Healthy performance of 99acers; reiterate Neutral on fair valuations

- Info Edge (INFOE) delivered a better-than-expected 2QFY24 performance. Revenue increased 11.5% YoY in 2QFY24 (est. 9%). EBITDA margin, at 40.7%, was a strong 440bp beat on our estimate. Overall billings were up 4.8% YoY to INR5.7b, which came in better than expected given the ongoing pain in the recruitment vertical.
- The management continues to see a slowdown in IT hiring activity, which remains a key risk given its significantly high revenue contribution to the Naukri business. Non-IT has been doing well for the past couple of quarters and helped INFOE to partly offset the adverse impact from IT hiring. The management is adding more braches to support the demand from smaller towns, which is positive. While we expect a recovery in IT hiring in FY25, we believe Naukri's billings would decline in FY24E on a high base, which will result in a single-digit growth for FY24 and FY25.
- In 2QFY24, 99acres posted robust revenue growth (+25% YoY). The sector is witnessing strong tailwinds and is expected to do well in the coming few years. The marketing spends, though reducing, are likely to result in continued losses for 99acres in the near term, before it turns profitable.
- INFOE has surprised over the last two quarters with a sharp margin improvement and a lower dependency on advertisement and operating leverage. With slower growth in FY24 and FY25, we see limited upside on margins from here on. We expect an FY24/FY25 EBITDA margin of 39.2%/37.9%.
- We forecast standalone revenue and APAT to clock an 11% CAGR each over FY23-25, driven by the Naukri business.
- We continue to see a healthy long-term growth opportunity in its operating entities. With margins improving, we expect scale benefits over the next few years. However, the current valuations fairly price in its growth outlook.
- We value the company's operating entities using DCF valuation. Our SoTPbased valuation indicates a TP of INR4,390. Reiterate Neutral.

Strong revenue and billing performance; healthy beat on margin

- Standalone revenue stood at INR5.93b, up 11.5% YoY, above our estimate of 9% YoY for the quarter.
- Overall billings were up 4.5% YoY. Billings for Recruitment/99 Acres were strong at INR4.31b/0.92b vs. estimates of INR3.83b/0.87b.
- EBITDA margin was at 40.7% vs. our estimate of 36.3% (440bp beat).
- Margin improvement was aided by lower advertisement spending (11.6% of revenue vs. 14.0% expected).
- Adj. PAT jumped 27% YoY to INR2.1b (est. 1.8b) on margin beat and higher other income.

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

Research analyst: Raj Prakash Bhanushali (raj.bhanushali@motilaloswal.com) | Pritesh Thakkar (Pritesh.Thakkar@motilaloswal.com)

Highlights from the management commentary

■ Recruitment: The caution in hiring for IT Services continues and the hiring is expected to remain weak. While volumes remain impacted, salaries for IT employees have gone up by ~15%, which gives some support. For non-IT hiring, INFOE is seeing good growth from smaller towns. It is expanding its branch network to better serve these towns, as the customers are not tech-savvy there. It will continue to add branches to better tap the demand from smaller towns.

■ Real estate: The real estate market remains strong despite higher prices. This trend is expected to continue in the near future. Broker and user spending continued to increase on the portal. User activity is on the uptrend. The daily active user base grew 13% QoQ. Though burn has come down meaningfully over the last few quarters and there is a possibility of breaking even over the medium term, the management suggested that it will invest more if the growth outlook improves further. The competitive intensity has become a bit more rational compared to last year.

Valuations and view

- Though we expect a healthy recovery in IT services demand in FY25, the near-term growth in Recruitment is expected to be adversely impacted by lower IT demand, resulting in slow overall growth for INFOE.
- With the management investing prudently, some of its current investments should scale up over the medium-to-long term, thereby contributing to the group's valuation.
- We individually value INFOE's group entities using a DCF-based valuation. Our SoTP-based TP stands at INR4,390. We reiterate our Neutral stance on the stock.

Y/E March		FY	′23			FY	24		FY23	FY24E	FY24	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE	(%/bp)
Revenues	5,077	5,318	5,552	5,640	5,843	5,930	5,978	6,027	21,586	23,778	5,797	2.3
YoY (%)	58.8	51.2	33.4	23.8	15.1	11.5	7.7	6.9	39.9	10.2	9.0	250bp
Salary costs	2,244	2,259	2,262	2,323	2,464	2,435	2,509	2,497	9,087	9,905	2,483	-1.9
Ad and Promotion costs	876	831	746	703	680	686	747	784	3,155	2,897	812	-15.4
Other Expenses	326	389	376	411	432	398	407	410	1,502	1,647	400	-0.4
EBITDA	1,631	1,840	2,168	2,203	2,266	2,411	2,315	2,336	7,842	9,329	2,102	14.7
EBITDA Margin (%)	32.1	34.6	39.1	39.1	38.8	40.7	38.7	38.8	36.3	39.2	36.3	440bp
Depreciation	99	105	115	129	153	176	149	151	447	629	116	51.6
EBIT Margin (%)	30.2	32.6	37.0	36.8	36.2	37.7	36.2	36.3	34.3	36.6	34.3	340bp
Other Income	419	499	396	437	578	636	478	482	1,751	2,174	435	46.2
-PBT bef. Extra-ordinary	1,942	2,225	2,440	2,500	2,667	2,824	2,614	2,638	9,107	10,743	2,410	17.2
Provision for Tax	457	544	523	524	668	687	627	633	2,047	2,615	578	18.8
ETR (%)	23.6	24.4	21.4	20.9	25.0	24.3	24.0	24.0	22.5	24.3	24.0	30bp
PAT bef. Extra-ordinary	1,484	1,681	1,917	1,977	1,999	2,137	1,987	2,005	7,059	8,127	1,831	16.7
EOI	0	0	-2,760	-187	0	-50	0	0	-2,947	0	0	
Reported PAT	1,484	1,681	-843	1,789	1,999	2,187	1,987	2,005	4,112	8,127	1,831	19.4
QoQ (%)	23.0	13.3	-150.1	-312.4	11.7	9.4	-9.2	0.9			-8.4	
YoY (%)	47.0	-98.0	-125.1	48.3	34.7	30.1	-335.8	12.0	-95.4	97.7	8.9	
EPS (INR)	11.5	13.1	14.9	13.8	15.5	16.6	15.4	15.5	31.8	62.8	14.2	16.7

Key performance indicators

Y/E March	•	FY23				FY24E			
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE	
Operating metrics									
Headcount	5,107	5,282	5,336	5,311	5,568	5,594			5,311
Naukri – Revenue per unique customer	51019	55627	59403	56336	56279	58,465			129735
99acres – Listings (k)	1,109	1,052	1,077	1,191	1,163	1,134			4,526
Revenue (YoY %)									
Recruitment	74%	63%	40%	27%	15%	9%			48%
99acres	35%	44%	24%	23%	25%	25%			31%



Highlights from the management commentary

Recruitment

- The caution in hiring for IT Services continues, and the hiring is expected to remain weak. While volumes remain impacted, salaries for IT employees have gone up by ~15% which gives some support.
- While management saw slight recovery in client retention, slower hiring and low attrition continued to impact demand for IT hiring.
- The demand for the Non-IT segment continues to remain good for healthcare, transport, and real estate. Management suggested that non-IT grew in mid-teen YoY.
- Job Hai continues to grow well, and the company will continue to make investments there.
- For non-IT hiring, INFOE is seeing good growth from smaller towns. It is expanding its branch network to better serve these towns as the customers are not tech-savvy there. It will continue to add branches to better tap the demand from smaller towns.
- Lots of IT Services companies are getting rid of additional headcount and going slow on campus hiring. If demand picks up, there would be a lot of lateral hiring, which would be beneficial for INFOE.
- For IT Services, 4Q base effect would not be as pronounced as in recent quarters, so YoY growth should look better.
- GCCs have seen lower impact compared to IT Services. Bigger GCCs have seen more impact compared to smaller ones. GCCs form about 15-20% of overall IT revenues.
- If the economy grows at a healthy rate (6-7%), and IT hiring bounces back, the company is confident of growing at 20%+ levels.

Real Estate

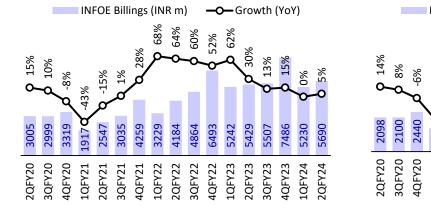
- The real estate market remains strong despite higher prices. This trend is expected to continue in near future.
- Broker and user spending continued to increase on the portal. User activity is on the uptrend. Daily active user base grew 13% QoQ.
- Strong topline growth along with controlled cost helped to reduce burn in 99
 Acers.
- INFOE continues to deploy AI, create differentiated content and reduce spam on the portal.

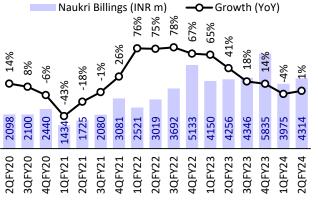
- Though burn has come down meaningfully over the last few quarters and there is a possibility of breaking even over the medium term, the management suggested that it will invest more if the growth outlook improves further.
- Real-estate as a category is expected to see strong growth over next 2-3 years.
- The competitive intensity has become a bit more rational compared to last year.

Other highlights

- Jeevansathi recorded good engagement and high traffic as its chat feature became free.
- INFOE has launched new products on the platform to better monetize the traffic. The marketing spends were down 39% YoY.
- Jeevansathi is 1/5th the size of largest player. The focus remains to cut back on spends and break even in the near term.
- INFOE has no plans to trim stakes in Zomato or Policy bazar as of now.
- INFOE had over hired last year and has gone slower on hiring since last year which aided margins. Though company has no plans to lay off employees, it will go slower in campus hiring and backfilling lost employees.

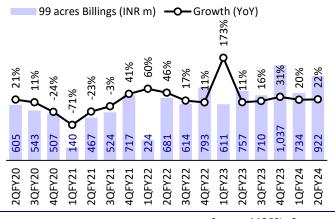
Exhibit 1: Billings for Naukri business were better than expected given the pain in IT hiring





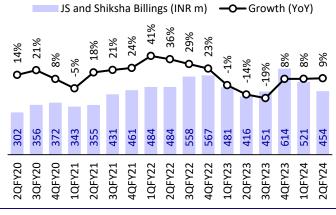
Source: Company, MOFSL

Exhibit 2: 99acres' billings were up 22% YoY



Source: MOFSL, Company

Exhibit 3: Billings from JS and Shiksha grew 9% YoY



Source: MOFSL, Company

Exhibit 4: SoTP-based TP at INR4,390

Segment	Methodology	Me	thodology description	Valuation toward INFOE (INR b)	Contribution (INR per share)	
Naukri	DCF	*	Estimate 10% revenue CAGR and 10% EBIT CAGR over FY23-34. Our WACC/terminal growth estimate stands at 11.5%/6%, respectively	269	2,078	
99acres.com	DCF	*	Estimate 17% revenue CAGR over FY23-34. Our WACC/terminal growth estimate stands at 12%/7%, respectively	32	250	
Zomato.com	Market valuation	*	As per our DCF based Target price of INR 135	161	1,243	
Policybazaar.com	Market valuation	*	Factoring in current market valuation	56	430	
Jeevansathi.com and other	Multiples	*	7x FY24E EV/sales	16	123	
Other investee companies				11	85	
Cash on the books				23	178	
Total (Rounded)					4,390	

Source: MOFSL, Company

Exhibit 5: Revisions to our estimates

	Revised	estimate	Earlier (estimate	Change (%/bp)	
Standalone business	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E
Revenue (INR m)	23.8	26.6	23.3	25.9	2.1	2.8
YoY (%)	10.2	12.0	7.9	11.2	230bp	80bp
EBITDA (%)	39.2	37.9	37.1	37.4	220bp	60bp
EBIT (%)	36.6	35.4	34.9	35.4	170bp	10bp
EPS (INR)	62.8	67.1	58.2	65.6	7.8	2.2

Source: MOFSL, Company

Valuation and view

- Though we expect a healthy recovery in IT services demand in FY25, the near-term growth in Recruitment is expected to be adversely impacted by lower IT demand, resulting in slow overall growth for INFOE.
- With the management investing prudently, some of its current investments should scale up over the medium-to-long term, thereby contributing to the group's valuation.
- We individually value INFOE's group entities using a DCF-based valuation. Our SoTP-based TP stands at INR4,390. We reiterate our Neutral stance on the stock.

Financials and valuations

Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Sales	9,155	10,983	12,727	11,091	15,430	21,586	23,778	26,639
Change (%)	14.1	20.0	15.9	-12.9	39.1	39.9	10.2	12.0
Employee expense	3,931	4,586	5,396	5,528	7,030	9,087	9,905	11,132
Advertising cost	1,164	1,757	2,044	1,819	2,849	3,155	2,897	3,596
Other expense	1,088	1,226	1,260	913	1,003	1,502	1,647	1,811
EBITDA	2,973	3,413	4,028	2,831	4,549	7,842	9,329	10,100
As a percentage of Net Sales	32.5	31.1	31.6	25.5	29.5	36.3	39.2	37.9
Depreciation	215	204	414	438	398	447	629	666
Interest	1	1	67	57	46	39	131	133
Other Income	971	1,112	876	1,188	1,699	1,751	2,174	2,131
РВТ	3,728	4,320	4,423	3,524	5,804	9,107	10,743	11,432
Tax	991	1,169	1,133	753	1,387	2,047	2,615	2,744
Rate (%)	26.6	27.1	25.6	21.4	23.9	22.5	24.3	24.0
Adjusted PAT	2,737	3,151	3,290	2,771	4,417	7,059	8,127	8,688
Extraordinary Items	-913	-334	-1,233	-32	84,720	-2,947	0	0
Reported PAT	1,824	2,817	2,057	2,739	89,137	4,112	8,127	8,688
Change (%)	-10.8	54.5	-27.0	33.2	NM	NM	97.7	6.9
Balance Sheet Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Share Capital	1,216	1,220	1,223	1,285	1,287	1,290	1,290	1,290
Reserves	19,859	22,019	23,094	44,357	1,38,434	1,07,975	1,16,102	1,24,790
Net Worth	21,074	23,239	24,317	45,642	1,39,721	1,09,265	1,17,392	1,26,080
Loans	44.0	46.0	568.7	449.1	11,115.9	7,086.4	7,086.4	7,086.4
Capital Employed	21,118	23,285	24,885	46,091	1,50,837	1,16,351	1,24,479	1,33,167
Gross Block	1,866	2,109	3,279	3,462	3,704	4,953	4,428	4,748
Less: Depreciation	1,337	1,540	1,954	2,391	2,796	3,243	3,725	4,221
Net Block	529	569	1,325	1,072	908	1,710	703	527
CWIP	0	0	0	0	0	0	0	0
Investments	10,720	12,857	16,404	21,694	1,29,751	96,145	99,145	1,09,145
Curr. Assets	15,028	15,984	13,381	30,293	31,032	31,287	41,883	59,780
Current Investments	11,456	3,400	2,554	0	4,409	7,547	8,547	11,547
Debtors	44	60	70	54	79	90	134	235
Cash	1,458	1,052	4,275	6,351	1,323	2,242	-5,464	-6,039
Loans and Advances	0	0	0	0	0	230	0	0
Other Current Assets	2,070	11,472	6,482	23,888	25,220	21,178	38,666	54,037
Current Liab. and Prov.	5,159	6,125	6,225	6,968	10,854	12,791	17,252	36,285
Current Liabilities	4,703	5,628	5,676	6,306	10,061	11,947	16,408	35,441
Provisions	456	496	549	662	793	844	844	844
Net Current Assets	9,869	9,860	7,156	23,325	20,178	18,496	24,631	23,495
Application of Funds	21,118	23,285	24,885	46,091	1,50,837	1,16,351	1,24,479	1,33,167

Financials and valuations

Ratios								
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)								
EPS	14.9	22.9	16.7	21.5	34.1	31.8	62.8	67.1
Cash EPS	24.1	27.3	30.1	25.2	37.2	58.1	67.6	72.2
Book Value	173.4	190.8	199.4	361.6	1,086.0	849.3	912.5	980.0
DPS	5.5	6.0	6.0	8.0	21.0	15.9	31.4	33.6
Payout (%)	37.0	26.2	35.9	37.7	61.6	50.0	50.0	50.0
Valuation (x)								
P/E	292.2	189.3	260.0	201.7	127.4	136.6	69.2	64.7
Cash P/E	180.5	158.9	144.4	172.1	116.9	74.8	64.2	60.1
EV/EBITDA	188.8	164.6	138.8	196.7	125.9	72.4	61.7	57.0
EV/Sales	61.3	51.2	43.9	50.2	37.1	26.3	24.2	21.6
Price/Book Value	25.0	22.8	21.8	12.0	4.0	5.1	4.8	4.4
Dividend Yield (%)	0.1	0.1	0.1	0.2	0.5	0.4	0.7	0.8
Profitability Ratios (%)								
RoE	13.4	14.2	13.8	7.8	4.8	4.9	6.2	13.1
RoCE	13.4	14.2	13.9	7.9	4.5	5.3	6.8	6.8
RoIC	-91.1	135.3	70.5	18.8	18.9	44.5	40.3	35.2
Turnover Ratios								
Debtors (Days)	2	2	2	2	2	2	2	3
Fixed Asset Turnover (x)	17.3	19.3	9.6	10.4	17.0	12.6	33.8	50.6

Cash Flow Statement								(INR m)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
CF from Operations	1,901	2,097	1,735	2,092	3,427	6,187	10,475	8,530
Cash for Working Capital	1,166	860	752	756	3,820	1,688	-12,841	3,561
Net Operating CF	3,067	2,956	2,487	2,848	7,247	7,875	-2,366	12,091
Net Purchase of FA	-4,158	-2,276	-9,039	-391	-8,523	-10,880	-320	-320
Free Cash Flow	-1,091	680	-6,552	2,456	-1,276	-3,004	-2,686	11,771
Net Purchase of Invest.	-7,973	8,718	5,245	-18,438	-2,016	5,413	-826	-7,869
Net Cash from Invest.	-12,132	6,442	-3,794	-18,829	-10,539	-5,467	-1,146	-8,189
Proceeds from Equity	48	27	3	18,292	2	3	0	0
Proceeds from LTB/STB	-1	0	-204	-233	-186	-213	-131	-133
Dividend Payments	-803	-808	-1,176	0	-2,058	-1,932	-4,064	-4,344
Cash Flow from Fin.	-757	-781	-1,377	18,059	-2,242	-2,141	-4,194	-4,477
Net Cash Flow	-9,822	8,618	-2,684	2,077	-5,534	267	-7,706	-575
Opening Cash Bal.	11,280	1,458	1,053	4,275	6,351	1,323	2,242	-5,464
Add: Net Cash	-9,822	-405	3,222	2,076	-5,028	919	-7,706	-575
Closing Cash Bal.	1,458	1,053	4,275	6,351	1,323	2,242	-5,464	-6,039

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

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 be 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, Depository participant services & distribution of various financial products. 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 (NSPL), NERL, COMRIS and CCRL and is member of Association of Mutual Financial (MFI) 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/Dormani/documents/lists/s20companies.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://aalaxv.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at 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.

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. INH00000412) 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 broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

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

For Singapore

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

Specific Disclosures

- 1 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.
- 2 MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- 3 MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- 4 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
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 7 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
- 10 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 at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months

- 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.

- 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.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

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.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai-400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Character treatestal com						
Contact Person	Contact No.	Email ID				
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com				
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com				
Mr. Aiav Menon	022 40548083	am@motilaloswal.com				

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.