



### **Market snapshot**



		•	
Equities - India	Close	Chg .%	CYTD.%
Sensex	80,352	0.5	11.2
Nifty-50	24,433	0.5	12.4
Nifty-M 100	57,078	0.3	23.6
<b>Equities-Global</b>	Close	Chg.%	CYTD.%
S&P 500	5,577	0.1	16.9
Nasdaq	18,429	0.1	22.8
FTSE 100	8,140	-0.7	5.3
DAX	18,236	-1.3	8.9
Hang Seng	6,276	-0.1	8.8
Nikkei 225	41,580	2.0	24.3
Commodities	Close	Chg.%	CYTD.%
Brent (US\$/Bbl)	86	-1.9	10.8
Gold (\$/OZ)	2,364	0.2	14.6
Cu (US\$/MT)	9,711	-0.5	14.7
Almn (US\$/MT)	2,437	-1.5	3.9
Currency	Close	Chg.%	CYTD.%
USD/INR	83.5	0.0	0.3
USD/EUR	1.1	-0.1	-2.0
USD/JPY	161.3	0.3	14.4
YIELD (%)	Close	1MChg	CYTD chg
10 Yrs G-Sec	7.0	0.00	-0.2
10 Yrs AAA Corp	7.5	0.00	-0.3
Flows (USD b)	9-Jul	MTD	CYTD
FIIs	0.0	3.15	1.5
DIIs	0.17	3.60	28.8
Volumes (INRb)	9-Jul	MTD*	YTD*
Cash	1,456	1486	1269



### Today's top research idea

### Raymond: Pushing for growth with simplifying structure

- The company is pushing for growth in the lifestyle business by adding 250-300 new stores in the next 12-18 months and product expansion by launching a sleepwear product (SleepZ by Raymond) and Park Avenue innerwear. In the engineering business, growth will be led by the aerospace segment (+30% CAGR), operating cost synergies, benefits from China + 1, and the hybrid and EV segments.
- For real estate, MMR is a USD2t opportunity and therefore, signing new projects worth INR100b every year should not be a challenge. It has already signed INR50b worth of projects and the pipeline remains strong with a couple of projects at an advanced stage of closure.
- Our SOTP-based model values the real estate business at INR1,200/share, the engineering business at INR215/share and the lifestyle business at INR2,340/share. The combined value of the three businesses works out to be INR3,755/share.

#### Research covered

Cos/Sector	Key Highlights
Raymond	Pushing for growth with simplifying structure
EcoScope	Public sector capex back to the pre-Covid high in FY24P
Maruti Suzuki	UP govt exempts road tax on strong hybrids
Oil & Gas	US EIA raises CY25 oil price forecast to USD88/bbl

Note: Flows, MTD includes provisional numbers.

F&O



### Chart of the Day: Raymond (Pushing for growth with simplifying structure)

Financials bifurcation among the three segments

3,48,657 3,37,010 3,76,406

Segment	Lifestyle		Real estate		Engineering		Consol	
INR m	FY24	FY26	FY24	FY26	FY24	FY26	FY24	FY26
Revenue	70,052	82,655	15,922	21,275	17,961	21,535	90,195	1,21,055
EBITDA	11,126	12,695	3,686	4,225	2,676	3,446	13,091	17,922
PAT	6,652	7,799	NA	NA	NA	NA	6,498	10,082
EV	1,55,978	1,55,978	80,093	80,093	27,565	27,565	2,31,882	2,23,542
Market cap	1,55,978	1,55,978	80,093	80,093	21,695	21,695	2,04,902	2,04,902
PE Ratio	23.4x	20.0x	NA	NA	NA	NA	31.5x	20.3x
EV/EBITDA multiple	14.0x	12.3x	21.7x	19.0x	10.3x	8.0x	17.7x	12.5x

<sup>\*</sup>Note: Adjusting full year depreciation and interest in Life9style business.

<sup>\*</sup>Average



### In the news today



Kindly click on textbox for the detailed news link

1

# India and Russia aim to boost bilateral trade to over USD 100 billion by 2030

In a joint statement following the 22nd Annual Bilateral Summit between President Putin and PM Modi in Moscow, both sides reiterated their commitment to bolstering the special and privileged strategic partnership

2

#### Labour commissioner summons Paytm management over alleged lavoffs

The development comes after series of complaints were filed by employees with the Ministry of Labour and Employment wherein they accused Paytm of forcing terminations without pay

3

F&O crackdown: Only one weekly options contract per exchange, min lot size Rs 20-30 lakh, derivatives panel suggests

The expert working committee appointed by Sebi has suggested a host of measures to rein in speculative trading in derivatives

4

# UP gives Maruti a head 'start' in strong hybrids

Maruti Suzuki India saw a nearly 7% surge in its stock price following Uttar Pradesh's decision to waive registration levies on strong hybrid and plugin vehicles.

6

## Vedanta to raise Rs 1,000 cr in debt

Vedanta Ltd will issue ₹1,000 crore in non-redeemable non-convertible debentures (NCDs) with a 15-month tenure linked to MIBOR, paying 3.75% over the one-month overnight indexed swap rate.

7

#### HDFC Defence Fund to halt new SIP registrations from July 22

The scheme invests in companies with good quality management with demonstrated track record and aims to achieve diversification by following a multi-cap strategy.

5

#### H2GO: Reliance Industries, L&T, Adani and John Cockerill to manufacture electrolysers by 2025

Currently, India is reliant on the global market to source electrolysers for its green hydrogen projects. To counter this, as well as reduce the cost of green hydrogen production, the Solar Energy Corporation of India, in July 2023, issued a request for selection of electrolyser manufacturers to set up 1.5 gigawatts (GW) of capacity.





## Raymond

 BSE SENSEX
 S&P CNX

 80,352
 24,433



Bloomberg	RW IN
Equity Shares (m)	67
M.Cap.(INRb)/(USDb)	204.9 / 2.5
52-Week Range (INR)	3496 / 1487
1, 6, 12 Rel. Per (%)	20/63/50
12M Avg Val (INR M)	828

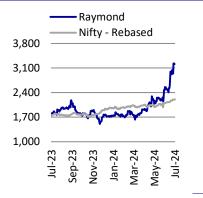
#### Financials & Valuations (INR b)

Y/E March	FY24	FY25E	FY26E
Net Sales	90.2	105.9	121.1
EBITDA	13.1	15.0	17.9
PAT	6.9	7.9	10.1
EPS (INR)	104.1	119.0	151.5
GR. (%)	10.2	14.3	27.3
BV/Sh (INR)	694	809	955
ROE (%)	18.4	15.8	17.2
RoCE (%)	15.0	12.6	13.7
RoIC (%)	14.9	11.7	13.3
P/E (X)	29.6	25.9	20.3
P/BV (X)	4.4	3.8	3.2
EV/EBITDA (X)	17.7	15.6	12.5
Div Yield (%)	0.3	0.0	0.0

#### Shareholding pattern (%)

As On	Mar-24	Jun-23
Promoter	49.1	49.1
DII	8.8	5.5
FII	14.5	17.8
Others	27.6	27.6

#### Stock's performance (one-year)



CMP: INR3,077 TP: INR3,755 (+22%)

INR3,755 (+22%) Buy

#### Pushing for growth with simplifying structure

We attended Raymond's analyst meet, wherein the company provided insights into its expansion plans for its three business verticals. Here are the key highlights:

#### Real Estate: Aiming for 20% growth on sustainable basis

- The group will now have a pure-play real estate arm focused on monetizing its legacy land parcel in Thane, along with expanding footprints in MMR and Pune. At Thane, the company has created various brands in each segment, such as aspirational (Ten X), premium (Address by GS) and luxury (Invictus by GS), and all its projects will be positioned within these three brands.
- MMR is a USD2t opportunity; therefore, signing new projects worth INR100b every year should not be a challenge. It has already signed INR50b worth of projects over the past six months and the pipeline remains strong with a couple of projects at advance stages of closure.
- The company achieved bookings of INR22b in FY24 and while the aim is to double it over the next 3-4 years, we believe timely launches of all non-Thane projects (expected by 1HFY26) can enable it to achieve the milestone a year in advance in FY26. Over the medium term, the management is targeting to deliver 20% pre-sales growth on a sustainable basis, along with 20% EBITDA margin and 20% ROCE.

#### Lifestyle business: Growth led by branded apparel

The record date of demerger is 11th Jul'24 and the company expects the lifestyle business to be listed in the next two months. The expansion plan for the lifestyle segment will be led by EBO expansion and product expansion. EBO expansion will be done by adding 250-300 new stores in 12-18 months (vs. 409 EBOs in FY24). Product expansion will include the launch of i) sleepwear brand – SleepZ by Raymond, which will be launched in Jul'24 at an attractive ASP range of INR500-999 and will be distributed via distributors across India, and ii) Park Avenue Innerwear in the next 3-4 months at a price range of INR250-600. Over FY24-26, we expect an 18% CAGR in revenue from the branded apparel segment over FY24-26 and 9%/7% growth in Lifestyle revenue/EBITDA. We value the segment by assigning a P/E of 20x on FY26E to the lifestyle business, arriving at a valuation of INR156b (INR2,930/share of RLL and INR2,340 in RL SOTP).

#### **Engineering business: Growth led by Aerospace segment**

After the demerger of real estate and lifestyle businesses, Raymond Ltd will be an engineering company headed by Mr. Gautam Maini (founder of MPPL). The company has three segments: a) steel files and tools & hardware, b) auto and EV components, and c) aerospace & defense. Going forward, the company will merge the 'a and b' into one company and aerospace & defense into a second company. The growth will be led by the aerospace segment (+30% CAGR),



operating cost synergies, benefits from China + 1 and bulk of incremental growth from the hybrid and EV segments. The pro forma revenue/EBITDA for FY24 (including MPPL) was INR18b/INR2.7b (15% margin). We estimate a CAGR of 9%/13% in revenue/EBITDA over FY24-26. We value the engineering business at 8x FY26E EV/EBITDA, arriving at a valuation of INR22b. Considering RL's 66.3% stake in MPPL, RL's SOTP-based value stands at INR215/share.

#### Valuation and view

- Our SOTP-based model values the real estate business at 8x FY26E EV/EBITDA on embedded EBITDA, assuming pre-sales of INR40b and 25% EBITDA margin, and arrives at a valuation of INR80b (i.e., INR1200/share). We assign a P/E of 20x on FY26E to the lifestyle business, arriving at a value of INR2,340/share (INR2,930 post demerger in RLL). The engineering business is valued at 8x FY26E EV/EBITDA, arriving at a value of INR215/share. The combined value of the three businesses works out to be INR3,755/share. We retain BUY rating on the stock.
- Accordingly, we expect the per share value of RL will be ~INR1,415 (value of INR94b) after the record date (11 Jul'24), which includes INR1,200 of real estate and INR215 of the engineering business. The Lifestyle business could be listed at ~INR2,930/share (20x FY26E EPS) and value of INR156b.

,	- ,
INR	FY26E
EBITDA	12,695
PAT	7,799
EPS	117
PE Ratio	20
Per share value	2,340

Real Estate business- Valuation on FY26 (INR m)

Real Estate business- valuation on F126 (link iii)			
INR m	FY26E		
Pre-sales	40,046		
Margin	25%		
EV/ EBITDA	8.0x		
EV= Equity	80,093		
No of shares	67		
Per share value	1.200		

Source: Company, MOFSL

Source: Company, MOFSL

Source: Company, MOFSL

#### Engineering business - Valuation on FY26 (INR m)

Engineering business Valuation o	111120 (11414 111)
INRm	FY26E
EBITDA	3,446
EV/ EBITDA	8.0x
EV	27,565
less: debt	-5,870
Equity	21,695
Raymond stake	66.3%
Raymond stake in NewCo	14,384
No of shares	67
Per share value	215

#### RAYMOND valuation on FY26 (INR)

INR	Valuation
Lifestyle Valuation	2,340
Real estate Valuation	1,200
Engineering Valuation	215
Consol value	3,755
CMP	3,078
Upside	22%
	Carrage Carrage MOECL

Source: Company, MOFSL

#### Financials bifurcation among the three segments

- Individual Strait Cattle	ir aimong the	am de beginent						
Segment	Lifestyle		Real estate		Engineering		Consol	
INR m	FY24	FY26	FY24	FY26	FY24	FY26	FY24	FY26
Revenue	70,052	82,655	15,922	21,275	17,961	21,535	90,195	1,21,055
EBITDA	11,126	12,695	3,686	4,225	2,676	3,446	13,091	17,922
PAT	6,652	7,799	NA	NA	NA	NA	6,498	10,082
EV	1,55,978	1,55,978	80,093	80,093	27,565	27,565	2,31,882	2,23,542
Market cap	1,55,978	1,55,978	80,093	80,093	21,695	21,695	2,04,902	2,04,902
PE Ratio	23.4x	20.0x	NA	NA	NA	NA	31.5x	20.3x
EV/EBITDA multiple	14.0x	12.3x	21.7x	19.0x	10.3x	8.0x	17.7x	12.5x

\*Note: Adjusting full year depreciation and interest in Lifestyle business.





#### The Economy Observer

#### Public sector capex back to the pre-Covid high in FY24P...

...and is likely to sustain in FY25BE

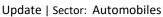
- It is widely known and acknowledged that the total investment (i.e., capex) of the Central government has increased rapidly in the past three years. Excluding loans & advances (L&As) and equity infusion into public sector enterprises (PSEs), the Central government's capex posted a staggering 32% CAGR in the last three years and is estimated to be INR7.3t in FY24P, up from INR3.2t in FY21.
- Although this is highly appreciated, we have highlighted numerous times (see <a href="here">here</a> or <a href="here">here</a> or <a href="here">here</a>) that this is largely a reallocation of capex from the Central PSEs (or CPSEs) to the fiscal accounts. On an aggregate basis, the combined capex of CPSEs (excluding Food Corporation of India, FCI) and the Central government is likely to be 3.5% of GDP in FY24P, compared to the average of 3.7% of GDP in the 2010s decade. This is because, although Center's capex has risen to 2.5% of GDP in FY24P from 1.5% in the 2010s decade, CPSEs' capex has declined to 1% (based on revised estimates, REs) from 2.2% of GDP earlier. This re-allocation, however, could have had a positive impact on investment efficiency.
- Further, it is largely believed that the last five years, i.e., FY19-FY24P, have seen superior growth in the government's capex. Although this is certainly true for the Center's capex, it is not true for the combined capex of the Central government and CPSEs<sup>1</sup>. A comparison with previous five-year periods (starting FY00) confirms that the combined capex growth in recent five years (FY19-24) was only 7.5% per annum vs. a CAGR of 11-17% in the previous episodes. CPSEs capex, thus, was only 40% of the center's capex in FY24, compared to almost 1.5x a decade ago.
- This is not only true for the combined capex of the government, but also for the 'roads & national highways' sector. As against the CAGR of 18.8% and 41.8%, respectively, during FY09-14 and FY14-19, capex in the roads sector increased at an average of 15% during the last five years. Of course, a higher base matters, as the growth during FY14-19 was remarkable in this sector. For railways also, the average growth during FY14-FY19, at 21.2%, was higher than during the last five years (14.5%) and the CAGR of 12.4% between FY09 and FY14. In contrast, defense spending grew at the slowest pace during FY14-FY19 (at only 3.8%), compared to 10.5% in the last five years and 14.1% between FY09 and FY14.
- In contrast to the central government, states' aggregate capex (excluding loans & advances) is estimated to have increased at a CAGR of 11.5% during the last five years, weaker than 14.8% in the previous five years but much better than 9.0% during FY09-FY14 period. This decent CAGR in the recent period was largely driven by almost two-decade high growth of 27% YoY in FY24P<sup>2</sup>. Accordingly, states' capex increased from a very stable rate of 2.0-2.3% of GDP during the past two decades to its all-time high level of 2.6% of GDP in FY24P.
- Thanks to the states, the total public sector (Centre + CPSEs + states) capex increased 17.5% YoY in FY24P, marking the second-highest growth in eight years. However, notwithstanding such strong growth in FY24P, the total capex of the public sector clocked a 9.1% CAGR in the last five years, weaker than 12.3% and 10.1% CAGR during FY14-FY19 and FY09-FY14, respectively. Notably, though, the total capex of the public sector increased to 6.1% of GDP last year, the same as in the pre-Covid years and compared to an eight-year low of 5.7% of GDP in FY23.
- Going by the Union and states' 2024-25 budgets<sup>3</sup>, the total capex of the public sector is budgeted to grow 9.6% YoY in FY25 vs. FY24RE and 15.3% vs. FY24P. Assuming that states on an aggregate spend 90% of their budget estimates (BEs) in FY25 (compared to an estimated 88% in FY24P and an average of 77-78% in the last five or ten years) and the Center/CPSEs meet their BEs, the total public sector capex would grow 10.3% YoY next year, standing at 6.1% of GDP.
- Since we expect India's nominal investments (GFCF + change in inventories) to grow 12% YoY in FY25, better than +9.8% YoY in FY24, it also means that we expect the private sector capex (household + corporate) to grow 12.3% YoY in FY25 vs. +8.1% YoY in FY24. Within that, while household capex growth could slow to 11% YoY (from +12% YoY in FY24P), private corporate capex will have to increase 13.5% YoY this year, compared to just 4.3% growth in FY24.

<sup>&</sup>lt;sup>1</sup>Actual data on CPSEs capex is available only from FY10. Only budget and revised estimates (BEs and REs) were available prior to that.

<sup>&</sup>lt;sup>2</sup>FY24P estimates are based on provisional/supplementary monthly data available up to March 2024 for 20 large states.

<sup>&</sup>lt;sup>3</sup>Based on an analysis of 20 large states, of which eight states have presented Vote-on-account (VoA) budgets, just like the Central government. Please refer to our recently released report on <a href="State Budgets 2024-25">State Budgets 2024-25</a>







## **Maruti Suzuki**

BSE SENSEX	S&P CNX
80.352	24,433

### CMP: INR12,828

### UP govt exempts road tax on strong hybrids

Positive for MSIL; other states could follow the suit

As per the media reports [Link for media article], the Uttar Pradesh (UP) government has announced its decision to waive road tax and registration fees for strong hybrid and plugin hybrid cars, along with electric vehicles (EVs), for three years under its EV policy introduced in 2022. Currently, UP imposes a road tax of 8-10% on petrol and diesel cars, based on the vehicle's cost. The contribution of UP to the total passenger vehicle (PV) industry and to MSIL sales mix is ~10%. Additionally, for MSIL, ~20-25% of Grand Vitara sales (~9,000 units per month) account for strong hybrids. This development is certainly positive for MSIL; however, it will be interesting to see if other states follow this move. MSIL continues to be our top pick among Auto OEMs.

- In the FY24, ~90k hybrid vehicles were sold in India, accounting for ~2% of total car sales. Key manufacturers of hybrid vehicles in India include MSIL (Grand Vitara and Invicto), Toyota (Hyryder and Innova Hycross), and Honda (e-HEV). This tax reduction could potentially boost hybrid car sales further.
- With this decision, strong hybrid cars have become cheaper in UP by up to INR312k or 10% of the vehicle cost (Source:CarWale).

Model name	Present road tax in Lucknow, UP (in INR)
MSIL Grand Vitara	189-213k
MSIL Invicto	256-293k
Toyota Hyryder	168-204k
Toyota Innova Hycross	262-312k
Honda City e-HEV	195-218k

- According to Mr. RC Bhargava, Chairman of MSIL, alternative technologies are essential for reducing dependence on imported oil. He emphasized that relying solely on EVs is insufficient to achieve this goal. Hybrid cars, being less polluting than petrol and diesel vehicles, represent a viable solution. He hopes that other states would also support hybrid vehicles and anticipates a short-term increase in sales in UP. He urged both central and state governments to review policies to achieve carbon neutrality and reduce oil imports.
- The stock trades at 26x/24x FY25E/FY26E consolidated EPS.



## Oil & Gas

#### US EIA raises CY25 oil price forecast to USD88/bbl

The US Energy Information Administration (EIA) released its short-term energy outlook for Jul'24.

- Brent crude forecast revised up 2%/4% for CY24/CY25: Brent crude oil spot price forecast for CY24 was raised by 2% (vs. Jun'24 forecasts) to USD86/bbl. CY25 forecast was also increased by 5% to USD88/bbl. The anticipated increase in prices in 2HCY24 is driven by US EIA's forecast of continued depletion in global oil inventories. US EIA projects that global oil inventories declined by 0.5mb/d in 1HCY24 and it expects a further reduction of 0.7mb/d in 2HCY24. The risk to EIA's CY25 oil price forecast of USD88/bbl stems from 1) oil demand growth coming in lower than 1.8mb/d assumed by EIA, and 2) un-winding of OPEC+ production cuts in a bid to protect market share.
- US crude production forecast for CY25 increased by 1%: US crude oil production forecast remains unchanged at 13.2mb/d for CY24. For CY25, forecast was raised by 1% (vs. Jun'24 forecast) to 13.8mb/d. We believe production growth momentum in the US will continue to accelerate in CY26 and beyond.
- HH gas price forecast for CY25 revised up by 3%: CY24 forecast for natural gas price at Henry Hub remains unchanged. However, CY25 forecast was revised up 3% (vs. Jun'24 forecast) to USD3.3/mmbtu.
- LNG growth remains robust in CY25: Gross export forecast of US liquefied natural gas remains unchanged for CY24 and CY25 at 12bcf/d and 14bcf/d, respectively.

We remain positive on upstream as well as OMCs given range-bound oil prices. We maintain BUY on ONGC, Oil India and HPCL.

Jul'24 forecasts	2023	2024	2025	2024/23 (%)	2025/24
Brent crude oil spot price (USD/bbl)	82.00	86.00	88.00	5	2
U.S. crude oil production (mb/d)	12.90	13.20	13.80	2	5
Natural gas price at Henry Hub (USD/mmbtu)	2.50	2.50	3.30	0	32
U.S. liquefied natural gas gross exports (bcf/d)	12.00	12.00	14.00	0	17

Source: U.S. EIA STEO, MOFSL

	Change vs previous forecast (%)		
	2023	2024	2025
Brent crude oil spot price (USD/bbl)	0	2	4
U.S. crude oil production (mb/d)	0	0	1
Natural gas price at Henry Hub (USD/mmbtu)	0	0	3
U.S. liquefied natural gas gross exports (bcf/d)	0	0	0

Source: U.S. EIA STEO, MOFSL

Jun'24 forecasts	2023	2024	2025	2024/23 (%	) 2025/24 (%)
Brent crude oil spot price (USD/bbl)	82.00	84.00	85.00	2	1
U.S. crude oil production (mb/d)	12.90	13.20	13.70	2	4
Natural gas price at Henry Hub (USD/mmbtu)	2.50	2.50	3.20	0	28
U.S. liquefied natural gas gross exports (bcf/d)	12.00	12.00	14.00	0	17

Source: U.S. EIA STEO, MOFSL







# Maruti Suzuki India: Commendable and wise move from UP Govt; RC Bhargava, Chairman

- Alternate tech needed towards journey of substitution of imported oil
- Lowering dependence on imported oil cannot be achieved only by EV
- Hybrid cars are less polluting compared to petrol and diesel
- Hopeful that other states will also consider push for hybrids
- Expect a short term impact of increase of sales in UP
- Retail sales in June not as high as expected
- Centre & State Govts should review the policy to achieve carbon neutrality & cut oil imports



# Aurionpro Solutions: The data centre is on the the large bets for us; see robust demand all over the world; Ashish Rai, CEO

- More demand than supply in the data centre market, which could make up 16% to 17% of out revenue
- Data centre business is growing at a 40% to 50% growth rate for us
- Data centre industry can grow at around 40% CAGR for the next 4 to 5 years
- Have a strong team n the R&D side and are focusing on R&D to build the best products
- Open to any acquisition opportunities
- Digitization is happening all across India, and we expect more demand for data centres from tier 2 and 3 cities.



# PG Electroplast: Seeing very strong demand in the AC segment; Vikas Gupta, MD

- Formalising its strategy to invest in the PLI scheme fr white goods
- Revenue guidance of Rs. 3,400 crore for FY25
- Expecting Rs. 500 to Rs. 600 crore in revenues from JV to TVs
- Ac and washing machines businesses are goring at around 40%
- Expanding further capacity on the AC side to capture the demand for the next summer season. Planning to launch a couple of new products line soon.
- Under the AC PLi incentive, company expects around Rs. 50 crore for FY25



# Senco Gold & Diamond: Heat Wave, Elections & Lesser Wedding dates have kept growth lower; Suvankar Sen, MD

- Number of weddings much lower in the first half of FY 25 (heat waves, election, less wedding dates as compared to in FY24.
- Growth for Senco has been dim at around 9% overall including exports, ecom, b2b)
- With the anticipation that the prices of the gold will rise in the second half buyers will now go out and evaluate purchase today
- TARGET 18-20 stores in total (10-12 COCO + 8-10 franchise) 6 added in the first quarter
- Studded ratio remains around 11.5% + consumer is slow in buying



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



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

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

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

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, 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 (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 Ltd. are available on the website at http://onlinereports.mot

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx</a>

MOFSL, it's associates, Research Analyst or their relatives may have any financial interest in the subject company. MOFSL and/or its associates and/or Research Analyst or their relatives may have 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. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any other potential conflict of interests at the time of publication of the research report or at the time of public appearance, 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.

In the past 12 months, MOFSL or any of its associates may have:

- received any compensation/other benefits from the subject company of this report
- managed or co-managed public offering of securities from subject company of this research report, received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, c) d)
- received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report.
- MOFSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report.
- Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report.
- Research Analyst may have served as director/officer/employee in the subject company.
- MOFSL and research analyst may engage in market making activity for the subject company.

MOFSL and its associate company(ies), and Research Analyst and their relatives from time to time may have:

a) 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.

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. To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the 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.

#### 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.

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.

Disclosure of Interest Statement	Companies where there is interest	
Analyst ownership of the stock	No	

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.co 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 Financial Services Limited (SEB) 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.

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, Motifal 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") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

#### 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:

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. Ajay 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.