

Estimate change



TP change



Rating change



Bloomberg	CYL IN
Equity Shares (m)	113
M.Cap.(INRb)/(USDb)	107.7 / 1.4
52-Week Range (INR)	1292 / 490
1, 6, 12 Rel. Per (%)	-5/-14/75
12M Avg Val (INR M)	440

#### Financials & Valuations (INR b)

Y/E Mar	2021	2022E	2023E
Sales	41.3	45.4	53.4
EBIT Margin (%)	10.1	13.9	14.1
PAT	3.7	5.1	6.1
EPS (INR)	33.8	46.6	56.0
EPS Gr. (%)	0.1	38.0	20.0
BV/Sh. (INR)	269.1	270.5	298.5

#### Ratios

RoE (%)	13.5	17.2	19.7
RoCE (%)	9.9	14.0	15.8
Payout (%)	72.5	50.0	50.0

#### Valuations

P/E (x)	28.9	20.9	17.4
P/BV (x)	3.6	3.6	3.3
EV/EBITDA (x)	15.7	11.0	9.0
Div Yield (%)	2.5	2.4	2.9

#### Shareholding pattern (%)

As On	Sep-21	Jun-21	Sep-20
Promoter	23.4	23.5	23.5
DII	22.9	21.3	23.5
FII	35.6	38.3	34.4
Others	18.1	16.9	18.7

FII Includes depository receipts

**CMP: INR976**

**TP: INR1,310 (+34%)**

**Buy**

### DLM impacted, but Services to drive performance

#### Valuations remain inexpensive

- Cyient (CYL)'s 3QFY22 revenue grew 5.2% QoQ in USD terms, above our estimate of 3.6% QoQ growth, led by beat on both Services (+4.4% QoQ CC) and DLM (+12.8% QoQ USD). Services growth was driven by Portfolio (10.0% QoQ), Aerospace (3.9% QoQ), and Communication (3.5% QoQ), while Rail Transportation (-9.5% QoQ) was weak.
- The 3Q EBIT margin saw a minor 14bps QoQ drop to 13.9% (above expectation), with improvement in Services (+14bp QoQ), compensated by weaker margins in DLM (-80bps QoQ). CYL has raised its margin guidance for FY22 to an at least 350bps YoY margin expansion (250–300bps earlier).
- The management retained its double-digit growth guidance in FY22 in the Services business, while DLM growth was cut sharply to the low single digits, from the earlier guidance of 15–20%, due to supply issues. Moreover, CYL's management expects supply-side issues in DLM to continue for the next 12–15 months. Although it sees an ongoing revenue impact, the company is confident about growing the DLM business by 15–20% YoY in FY23E, along with a margin uptick, as it prioritizes high-margin business, which would help keep absolute EBIT stable.
- We see the impact on the DLM business due to the global chip supply shortage as a negative, given the hit on near-term growth. Nonetheless, the continued outperformance in the larger Services business (82% of 3Q revenues and 90% of EBIT) should more than compensate for any impact on earnings.
- The management commentary on improving order intake (+16% YoY) and the deal pipeline (+25% YoY) further supports our view that the Services vertical should see strong revenue growth improvement in FY23E (MOFSLE of 17.8% YoY CC), and it remains on track for its best performance in many years. Despite factoring in a more prolonged recovery in DLM – we estimate growth in the low teens next year – CYL should deliver robust growth of 16.8% YoY in FY23E.
- We continue to see increasing spends in the ER&D industry and CYL's strategy to digest these spends as supportive in the near to medium term.
- We increase our EPS estimate for FY23 as we estimate better margin performance, led by the management's medium-term outlook. Although, near-term growth remains a concern. We maintain our **Buy** rating on attractive valuations. Our target multiple of 20x FY24E EPS takes our TP to INR1310/share, implying an upside of 34%.

#### Good 3Q performance; FY22 outlook mixed

- Revenue at USD158m grew 11.7% YoY (160 bps ahead of estimate), EBIT at INR1,641m grew 41% YoY (higher than our estimate of INR 1,517m), and PAT at INR 1,316m grew 38% YoY above our estimate of INR1,208.
- 9MFY22 USD revenue / INR EBIT/ INR PAT grew 11%/65%/41%.
- USD revenue grew 5.2% QoQ higher than our expectation of 3.6%. In CC terms, revenue grew 5.9% QoQ CC.
- Services revenue at USD129.1m grew 3.6% QoQ and 12.0% YoY.

**Mukul Garg – Research analyst** (Mukul.Garg@MotilalOswal.com)

**Raj Prakash Bhanushali – Research analyst** (raj.bhanushali@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](http://www.motilaloswal.com/Institutional-Equities), Bloomberg, Thomson Reuters, Factset and S&P Capital.

- DLM revenue at USD28.8m grew 12.9% QoQ and 10.8% YoY.
- Order intake for the quarter grew 16% YoY and stood at USD225.5m. CYL won seven large deals with TCV of USD68.8m (six in Services and one in DLM).
- Within the Services business, growth in Aerospace (3.9% QoQ) and Communication (3.5% QoQ) drove performance, partially offset by decline in Railways (-9.5% QoQ).
- The consolidated EBIT margin stood at 13.9%, down 14 bps QoQ, but 40bps above expectation.
- Services margins improved sequentially by 14bps and stood at 15.6% (multi-year highs). On the other hand, DLM margins were down to 6.0% (v/s 6.8% in 2QFY22).
- FCF/EBITDA stood at 71% and FCF/PAT came in at 121%.
- The management continues to expect double-digit growth in the Services business in FY22, while DLM is expected to be impacted by supply-side constraints v/s the 15–20% guidance in 2Q.
- Margins for FY22 are expected to improve 350 bps YoY (v/s 250–300bps earlier).

#### Key highlights from management commentary

- The Services business is expected to grow in the double digits. DLM would be impacted and is expected to grow in the single digits (v/s the 15–20% guidance for 2Q); the company would focus only on high-margin business. The EBIT margin is expected to increase by at least 350bps YoY in FY22 (v/s the 250–300bps improvement guided for earlier).
- The order intake grew 16% YoY during the quarter; as a result, the management is confident that demand is robust. 80–90% of the order intake is executable over the next 12 months.
- The semiconductor supply shortage continues to pose a challenge for the DLM business, and the management indicated that it would be significantly impacted in 4Q. The management has also lowered the guidance significantly from 15–20% to the low single digits. The lead time for some components is as high as two years.

#### Valuation and view – Maintain Buy

- We continue to see strong rebound in ER&D spending, led by increasing outsourcing and larger deal sizes. The management strategy to leverage these spends, led by a refreshed GTM strategy and increased focus on large deal wins, should bode well for its growth performance. We expect CYL to deliver a 15% USD revenue CAGR over FY22–24.
- The growth momentum in verticals such as Communications, Utilities, Semiconductor, Automotive, Medical Devices, and Mining is expected to continue for the next 2–3 years. Aerospace is expected to bounce back to pre-COVID levels in FY23.
- Although near-term growth may be soft, better margins would compensate for the growth. We expect an 18% EPS CAGR over FY22–24.
- We increase our estimates as we expect better margin performance led by the management's medium-term outlook. We maintain our **Buy** rating on attractive valuations. Our target multiple of 20x FY24E EPS takes our TP to INR1310/share, implying an upside of 34%.

## Quarterly Performance

(INR M)

Y/E March	FY21				FY22				FY21	FY22E	Est.	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QFY22	(% / bp)
Revenue (USD m)	131	135	141	150	144	150	158	158	557	610	156	1.5
QoQ (%)	-12.5	3.4	4.7	6.0	-4.3	4.6	5.2	0.2	-10.9	9.5	3.6	155bp
Revenue (INR m)	9,917	10,033	10,443	10,932	10,582	11,116	11,834	11,866	41,325	45,398	11,761	0.6
YoY (%)	-8.9	-13.4	-5.6	1.8	6.7	10.8	13.3	8.5	-6.7	9.9	12.6	70bp
GPM (%)	30.5	35.7	34.6	36.0	35.9	38.4	36.3	37.2	34.3	37.0	37.6	-126bp
SGA (%)	20.5	19.9	18.8	18.9	18.2	19.8	18.4	18.5	19.5	18.7	20.0	-164bp
EBITDA	995	1,589	1,650	1,873	1,878	2,074	2,128	2,219	6,107	8,299	2,070	2.8
EBITDA Margin (%)	10.0	15.8	15.8	17.1	17.7	18.7	18.0	18.7	14.8	18.3	17.6	38bp
EBIT	511	1,105	1,165	1,382	1,388	1,557	1,641	1,732	4,163	6,318	1,517	8.2
EBIT Margin (%)	5.2	11.0	11.2	12.6	13.1	14.0	13.9	14.6	10.1	13.9	12.9	97bp
Other income	575	-14	83	40	147	58	105	119	684	429	94	11.6
ETR (%)	25.0	23.1	23.6	22.2	25.1	25.0	24.6	24.6	23.4	24.8	25.0	
Adj. PAT	814	839	954	1,107	1,150	1,212	1,316	1,395	3,714	5,073	1,208	8.9
QoQ (%)	8.1	3.1	13.7	16.0	3.9	5.4	8.6	6.0			-0.3	887bp
YoY (%)	-9.9	-14.9	-11.9	47.0	41.3	44.4	37.9	26.1	-0.3	36.6	26.7	1127bp
EPS (INR)	7.4	7.6	8.7	10.1	10.5	11.1	12.1	12.8	33.8	46.6	11.0	9.7

## Key Perfor. Indicators

Y/E March	FY21				FY22E				FY21	FY22E
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE		
<b>Margins (%)</b>										
Gross Margin	30.5	35.7	34.6	36.0	35.9	38.4	36.3	37.2	34.3	37.0
EBIT Margin	5.2	11.0	11.2	12.6	13.1	14.0	13.9	14.6	10.1	13.9
Net Margin	8.2	8.4	9.1	10.1	10.9	10.9	11.1	11.8	9.0	11.2
<b>Operating metrics</b>										
Headcount	12,820	12,267	12,187	12,032	12,433	12,707	12,845		12,032	
Attrition (%)	13.6	9.2	13.2	21.2	23.5	24.3	29.3		21.2	
<b>Key Verticals (YoY %)</b>										
Aero & Defence	-22%	-35%	-15%	-9%	-3%	13%	19%		-21%	
Transportation	-24%	-10%	4%	8%	23%	0%	-12%		-6%	
Communications	0%	6%	-1%	4%	18%	5%	4%		2%	
<b>Key Geographies (YoY %)</b>										
North America	-21%	-26%	-21%	-15%	1%	9%	12%		-21%	
Europe	-29%	-10%	-8%	-4%	30%	-5%	11%		-13%	



## Key highlights from management commentary

## Quarter performance

- CYL reported 5.9% QoQ CC growth, led by 4.4% QoQ CC growth in the Services business, and DLM posted 12.9% QoQ growth.
- The order intake grew 16% YoY during the quarter; as a result, the management is confident that demand is robust. 80–90% of the order intake is executable over the next 12 months.
- EBIT margins for the quarter stood at ~14%, led by tailwinds such as offshoring, pyramid rationalization, and SG&A leverage and offset by headwinds such as higher-than-average wage hikes (to control attrition).
- The management increased the margin guidance to a 350bps improvement from 250–300bps earlier.
- The number of large deal wins is increasing; the company had seven large deals with TCV of ~USD69m.
- The pipeline has increased by 25–27% from 3QFY21, which provides sound confidence in the demand environment.

### Commentary on verticals

- In the Aerospace business, domestic travel is back at 90% of pre-COVID levels, but travel remains patchy globally. The company has started to see some early green shoots and hopes for continued traction in the coming quarters. The management further highlighted that digital adoption is improving, and there is opportunity in the After-market business.
- The Railways business was soft yet again due to increased offshoring and industry consolidation. Although margins may improve a bit, revenue would return only in the second half of FY23E.
- The semiconductor supply shortage continues to pose a challenge for the DLM business, and the management indicated that it would be significantly impacted in 4Q. The management has also lowered the guidance significantly from 15–20% to the low single digits. The lead time for some components is as high as two years.
- Although revenue in the DLM business would be impacted materially, margins as a percentage would improve, leading to absolute margin numbers staying intact for DLM – as the management would prioritize high-margin business (EBIT at 8–10% or higher). The management plans to drop lower margin business in DLM going ahead and sees the supply issue as an opportunity to implement this.
- The semiconductor issue would take another 12–18M to ease. The management is confident of 15–20% growth for the DLM vertical in FY23E, with supply slowly easing as demand remains intact.
- New-age technology, which contributes ~25% to revenue, is now growing at twice the company average.

### Supply-side challenges

- As supply-side challenges persist, the company expects to continue to hire aggressively. The management is also looking to add more freshers to rationalize the pyramid.
- Attrition remains very high at 24.3% and continues to pose a near-term challenge.

### Outlook

- The Services business is expected to grow in the double digits. DLM would be impacted and is expected to grow in the single digits (v/s the 15–20% guidance for 2Q); the company would focus only on high-margin business.
- The EBIT margin is expected to increase by at least 350bps YoY in FY22 (v/s the 250–300bps improvement guided for earlier).
- ETR for FY22 is expected to be around 25%.

### Exhibit 1: Aerospace and Portfolio see strong growth

Verticals	Contribution to revenue (%)	QoQ growth (%)	YoY growth (%)
Aerospace and Defense	34.6	13.4	18.5
Communications	22.4	3.8	3.8
Energy and Utilities	9.1	(12.2)	(11.6)
Portfolio	27.5	4.4	11.7
Semiconductor, IoT, and Analytics	6.4	2.0	66.2

Source: Company, MOFSL

**Exhibit 2: Growth across geographies**

Geographies	Contribution to revenue (%)	QoQ growth (%)	YoY growth (%)
Americas	49.2	6.1	11.9
Europe	25.1	6.5	10.8
Asia Pacific	25.7	2.4	12.1

Source: Company, MOFSL

**Valuations and view – maintain Buy**

- We continue to see strong rebound in ER&D spending, led by increasing outsourcing and larger deal sizes. The management strategy to leverage these spends, led by a refreshed GTM strategy and increased focus on large deal wins, should bode well with its growth performance. We expect CYL to deliver a 15% USD revenue CAGR over FY22–24.
- The growth momentum in verticals such as Communications, Utilities, Semiconductor, Automotive, Medical Devices, and Mining is expected to continue for the next 2–3 years. Aerospace is expected to bounce back to pre-COVID levels in FY23.
- Although near-term growth may be soft, better margins would compensate for the growth. We expect an 18% EPS CAGR over FY22–24.
- We increase our estimates as we expect better margin performance led by the management's medium-term outlook. We maintain our **Buy** rating on attractive valuations. Our target multiple of 20x FY24E EPS takes our TP to INR1310/share, implying an upside of 34%.

**Exhibit 3: Revisions to our estimates**

	Revised			Earlier			Change		
	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
INR/USD	74.4	75.0	75.0	74.6	75.0	75.0	-0.2%	0.0%	0.0%
USD Revenue – m	610	712	810	615	717	820	-0.8%	-0.7%	-1.2%
Growth (%)	9.5	16.8	13.8	10.4	16.6	14.3	-90bps	10bps	-50bps
EBIT margin(%)	13.9	14.1	14.5	13.4	13.9	14.0	60bps	20bps	50bps
PAT (INR M)	5,073	6,090	7,100	4,912	6,022	6,918	3.3%	1.1%	2.6%
EPS	46.6	56.0	65.3	44.8	55.0	63.1	4.0%	1.9%	3.4%

Source: MOFSL

## Operating metrics

Exhibit 4: Operating metrics

	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22
<b>Geographic Mix - %</b>									
Americas	56.8	55.7	52.3	49.9	49.1	47.4	47.9	48.8	49.2
Europe	25.1	25.7	24.0	28.9	25.3	24.6	28.4	24.8	25.1
Asia Pacific	18.1	18.6	23.7	21.2	25.6	28.0	23.7	26.4	25.7
<b>Vertical Mix - %</b>									
Aerospace & Defense	34.8	37.8	36.5	31.6	32.6	34.1	32.1	32.1	34.6
Transportation	10.1	10.2	10.3	12.1	11.5	11.0	11.5	10.9	9.1
Semiconductor	4.4	3.6	4.7	4.5	4.3	5.0	5.4	6.6	6.4
Medical & electronics	4.5	4.2	5.7	8.2	7.1	6.5	0.0	0.0	0.0
Communications	22.2	22.6	23.0	24.0	24.1	23.3	24.8	22.7	22.4
<b>Utilization - %</b>									
Overall	78.0	74.5	74.2	78.8	80.9	83.7	83.1	85.0	86.2
<b>Client contribution - %</b>									
Top 5	36.6	31.4	30.2	29.5	28.8	33.5	31.9	31.7	28.1
Top 10	49.3	43.6	40.1	38.4	38.4	44.1	43.3	43.2	41.7
<b>No. of Million Dollar Clients</b>									
USD1m+	90	95	92	95	94	90	89	92	93
USD5m+	27	26	30	32	32	30	30	32	36
USD10m+	11	11	9	7	7	8	10	10	10
USD20m+	4	4	3	3	3	3	3	3	3
<b>Attrition - Voluntary %</b>	19.7	18.9	13.6	9.2	13.2	21.2	23.5	24.3	29.3

Source: Company, MOFSL

## Financials and valuations

Income Statement								(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
<b>Sales</b>	<b>36,066</b>	<b>39,176</b>	<b>46,175</b>	<b>44,275</b>	<b>41,325</b>	<b>45,398</b>	<b>53,404</b>	<b>60,782</b>
Change (%)	16.5	8.6	17.9	(4.1)	(6.7)	9.9	17.6	13.8
Cost of Services	23,647	25,387	30,125	28,964	27,162	28,612	33,460	37,685
SG&A Expenses	7,569	8,296	9,606	9,352	8,056	8,487	10,207	11,792
<b>EBITDA</b>	<b>4,850</b>	<b>5,493</b>	<b>6,444</b>	<b>5,959</b>	<b>6,107</b>	<b>8,299</b>	<b>9,737</b>	<b>11,305</b>
% of Net Sales	13.4	14.0	14.0	13.5	14.8	18.3	18.2	18.6
Depreciation	953	1,051	1,692	1,878	1,944	1,981	2,190	2,492
Other Income	684	1,207	864	734	684	429	534	608
<b>PBT</b>	<b>4,581</b>	<b>5,649</b>	<b>5,616</b>	<b>4,815</b>	<b>4,847</b>	<b>6,747</b>	<b>8,082</b>	<b>9,421</b>
Tax	1,047	1,381	2,327	1,076	1,133	1,674	1,992	2,322
Rate (%)	22.9	24.4	41.4	22.3	23.4	24.8	24.6	24.6
<b>Net Income</b>	<b>3,534</b>	<b>4,268</b>	<b>3,307</b>	<b>3,726</b>	<b>3,714</b>	<b>5,073</b>	<b>6,090</b>	<b>7,100</b>
Change (%)	9.3	20.8	-22.5	12.7	-0.3	36.6	20.0	16.6

Balance Sheet								(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Share Capital	563	563	552	550	550	550	550	550
Reserves	20,610	22,876	25,089	25,059	29,023	28,868	31,913	35,463
<b>Net Worth</b>	<b>21,173</b>	<b>23,439</b>	<b>25,641</b>	<b>25,609</b>	<b>29,573</b>	<b>29,418</b>	<b>32,463</b>	<b>36,013</b>
Other liabilities	1,408	1,636	2,240	4,194	3,812	4,191	4,936	5,622
Loan	1,651	2,410	3,253	3,738	2,755	2,755	2,755	2,755
<b>Capital Employed</b>	<b>24,232</b>	<b>27,485</b>	<b>31,134</b>	<b>33,541</b>	<b>36,140</b>	<b>36,363</b>	<b>40,153</b>	<b>44,390</b>
<b>Applications</b>								
Gross Block	11,107	12,217	13,289	17,388	18,088	18,838	19,588	20,338
Less : Depreciation	6,875	7,791	8,766	9,712	11,656	13,637	15,826	18,318
<b>Net Block</b>	<b>3,017</b>	<b>3,220</b>	<b>3,530</b>	<b>6,909</b>	<b>7,181</b>	<b>5,201</b>	<b>3,762</b>	<b>2,020</b>
CWIP	92	213	300	800	113	113	113	113
Intangibles	4,666	5,057	6,990	6,800	7,191	7,191	7,191	7,191
Other assets	2,876	2,380	2,219	2,638	1,925	2,002	2,152	2,291
<b>Curr. Assets</b>	<b>20,713</b>	<b>23,456</b>	<b>25,853</b>	<b>24,650</b>	<b>28,518</b>	<b>32,521</b>	<b>38,704</b>	<b>45,675</b>
Debtors	6,496	6,913	8,137	7,262	8,026	8,335	9,659	10,993
Cash & Bank Balance	8,571	9,604	9,073	8,995	14,408	17,504	21,185	25,736
Other Current Assets	4,721	5,809	8,365	8,393	6,084	6,684	7,862	8,949
<b>Current Liab. &amp; Prov</b>	<b>7,132</b>	<b>6,841</b>	<b>7,758</b>	<b>8,256</b>	<b>8,788</b>	<b>10,666</b>	<b>11,770</b>	<b>12,902</b>
Trade payables	4,021	3,813	3,712	3,729	4,532	6,343	7,316	8,326
Other liabilities	2,876	2,799	3,757	4,150	3,872	3,901	3,959	4,011
Provisions	235	229	289	377	384	422	496	565
<b>Net Current Assets</b>	<b>13,581</b>	<b>16,615</b>	<b>18,095</b>	<b>16,394</b>	<b>19,730</b>	<b>21,854</b>	<b>26,933</b>	<b>32,773</b>
<b>Application of Funds</b>	<b>24,232</b>	<b>27,485</b>	<b>31,134</b>	<b>33,541</b>	<b>36,140</b>	<b>36,363</b>	<b>40,153</b>	<b>44,390</b>



## Financials and valuations

### Ratios

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
<b>Basic (INR)</b>								
<b>EPS</b>	<b>31.5</b>	<b>38.0</b>	<b>30.0</b>	<b>33.8</b>	<b>33.8</b>	<b>46.6</b>	<b>56.0</b>	<b>65.3</b>
Cash EPS	40.0	47.4	45.3	50.8	51.5	64.9	76.1	88.2
Book Value	189.5	209.8	232.3	232.0	269.1	270.5	298.5	331.1
DPS	10.5	13.0	13.0	27.0	24.5	23.3	28.0	32.6
Payout %	33.3	34.2	43.4	80.0	72.5	50.0	50.0	50.0
<b>Valuation (x)</b>								
P/E	31.0	25.7	32.6	28.9	28.9	20.9	17.4	15.0
Cash P/E	24.4	20.6	21.6	19.2	19.0	15.1	12.8	11.1
EV/EBITDA	20.9	18.3	15.8	17.2	15.7	11.0	9.0	7.4
EV/Sales	2.8	2.6	2.2	2.3	2.3	2.0	1.6	1.4
Price/Book Value	5.2	4.7	4.2	4.2	3.6	3.6	3.3	2.9
Dividend Yield (%)	1.1	1.3	1.3	2.8	2.5	2.4	2.9	3.3
<b>Profitability Ratios (%)</b>								
RoE	17.9	19.1	13.5	14.6	13.5	17.2	19.7	20.8
RoCE	13.8	13.8	10.2	10.6	9.9	14.0	15.8	16.6
<b>Turnover Ratios</b>								
Debtors (Days)	84	64	64	88	88	88	66	66

### Cash Flow Statement

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
<b>(INR m)</b>								
CF from Operations	3,833	4,622	5,411	5,496	5,872	7,801	8,280	9,592
Cash for Working Capital	366	-1,659	-1,710	328	2,686	1,274	-804	-741
<b>Net Operating CF</b>	<b>4,199</b>	<b>2,963</b>	<b>3,701</b>	<b>5,824</b>	<b>8,558</b>	<b>9,075</b>	<b>7,476</b>	<b>8,851</b>
Net Purchase of FA	-1,038	-1,469	-1,440	-2,138	-949	-750	-750	-750
<b>Free Cash Flow</b>	<b>3,161</b>	<b>1,494</b>	<b>2,261</b>	<b>3,686</b>	<b>7,609</b>	<b>8,325</b>	<b>6,726</b>	<b>8,101</b>
Net Purchase of Invest.	-765	600	-767	568	-58	0	0	0
<b>Net Cash from Invest.</b>	<b>-1,803</b>	<b>-869</b>	<b>-2,207</b>	<b>-1,570</b>	<b>-1,007</b>	<b>-750</b>	<b>-750</b>	<b>-750</b>
Proc. from equity issues	16	9	22	17	37	0	0	0
Proceeds from LTB/STB	-203	526	549	-916	-2,134	0	0	0
Dividend Payments	-746	-1,894	-2,892	-3,564	-10	-5,229	-3,045	-3,550
<b>Cash Flow from Fin.</b>	<b>-933</b>	<b>-1,359</b>	<b>-2,321</b>	<b>-4,463</b>	<b>-2,107</b>	<b>-5,229</b>	<b>-3,045</b>	<b>-3,550</b>
Exchange difference	277	298	296	131	-31	0	0	0
<b>Net Cash Flow</b>	<b>1,740</b>	<b>1,033</b>	<b>-531</b>	<b>-78</b>	<b>5,413</b>	<b>3,096</b>	<b>3,681</b>	<b>4,551</b>
<b>Opening Cash Bal.</b>	<b>6,831</b>	<b>8,571</b>	<b>9,604</b>	<b>9,073</b>	<b>8,995</b>	<b>14,408</b>	<b>17,504</b>	<b>21,185</b>
Add: Net Cash	1,740	1,033	-531	-78	5,413	3,096	3,681	4,551
<b>Closing Cash Bal.</b>	<b>8,571</b>	<b>9,604</b>	<b>9,073</b>	<b>8,995</b>	<b>14,408</b>	<b>17,504</b>	<b>21,185</b>	<b>25,736</b>



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

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

#### Disclosures

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

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on [www.motilaloswal.com](http://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](http://www.nseindia.com), [www.bseindia.com](http://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 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
- 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](http://www.motilaloswal.com) CIN no.: L67190MH2005PLC153397. Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai- 400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)\*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579; PMS: INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a group company of MOFSL. 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](mailto: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.