### **BUY** (Maintained)

CMP: INR 1,449 Target Price: INR 1,750 (INR 1,150) 🔺 21%

23 July 2024

## Gravita India

### Metals

### Better-than-expected earnings; capex plan on track

Gravita India's (GRAV) Q1FY25 EBITDA of INR 877mn was 24% ahead of our estimates. Key points: 1) Overall volume grew 29% YoY; EBITDA/PAT grew 33%/29%, YoY. 2) Outperformance in aluminium segment was mainly on account of higher LME prices. 3) Two subsidiaries (into plastic recycling business) have been shut (one each in Jamaica and Costa Rica) – no impact on its business expansion plans. 4) Incurred capex of INR 150–200mn in Q1FY25; plans to incur capex of INR 1.8bn in FY25. 5) Net debt was INR 4.7bn, as of Q1FY25-end. Going forward, we peg volume growth of 25% YoY, EBITDA/EPS growth of 38%/28% YoY till FY26E. Given the investors' focus on circular economy, stable and better margins compared to peers and high RoE, we raise the P/E multiple to 30x (earlier 21x) on FY26E EPS. Our revised TP works out to INR 1,750 (earlier INR 1,150).

### Better-than-expected performance

The reported EBITDA of INR 877mn was 24% ahead of estimates. Beat was mainly due to outperformance in the aluminium segment and better-thanexpected volume growth in the lead segment. Key points: 1) Lead/plastic volumes grew 43.2%/16% YoY while aluminium volume declined 48.5% YoY. 2) EBITDA/te of lead/aluminium was INR 19,321/INR 19,414; improvement in EBITDA/te of Al is mainly on account of higher LME prices. 3) GRAV incurred capex of INR 150–200mn during Q1FY25, targeting INR 1.8bn (existing vertical of INR 1.4bn and new vertical of INR 400mn). 4 In Q1FY25, ~40% of scrap sourcing was from domestic sources. 5) Lithium-ion recycling and tyre recycling projects at Mundra are likely to be operational in H1FY26. 6) Gross debt stood at INR 5.5bn and net debt at INR 4.7bn, as of Q1FY25-end. Management guides for volume growth of 25% for FY25 and sustainable EBITDA/kg of INR 14–16/kg in Al recycling and INR 18–19/kg in lead segment.

### **Capex on track**

Gravita envisages a capex outlay of INR 6bn over the next 3–4 years, of which capex in new verticals includes: 1) setting up a pilot project for lithium-ion recycling and tyre recycling projects at Mundra (capex of INR 800mn–1bn, likely to be operational in H1FY26); 2) a rubber plant to be operational by H1FY26 (capex of INR 300mn); and 3) paper recycling and steel recycling plants that may be operational in FY27.

### **Financial Summary**

| Y/E March (INR mn) | FY23A  | FY24A  | FY25E  | FY26E  |
|--------------------|--------|--------|--------|--------|
| Net Revenue        | 28,006 | 31,608 | 39,407 | 48,186 |
| EBITDA             | 1,976  | 2,836  | 4,087  | 5,422  |
| EBITDA Margin (%)  | 7.1    | 9.0    | 10.4   | 11.3   |
| Net Profit         | 2,041  | 2,423  | 2,991  | 3,975  |
| EPS (INR)          | 30.0   | 35.6   | 44.0   | 58.5   |
| EPS % Chg YoY      | 37.5   | 18.7   | 23.4   | 32.9   |
| P/E (x)            | 48.3   | 40.7   | 32.9   | 24.8   |
| EV/EBITDA (x)      | 1.5    | 1.5    | 0.8    | 0.7    |
| RoCE (%)           | 20.9   | 20.8   | 24.6   | 25.1   |
| RoE (%)            | 47.8   | 39.2   | 34.5   | 33.6   |

#### Amit Dixit

amit.dixit@icicisecurities.com +91 22 6807 7289 **Mohit Lohia** mohit.lohia@icicisecurities.com **Pritish Urumkar** Pritish.urumkar@icicisecurities.com

#### Market Data

| Market Cap (INR)    | 100bn     |
|---------------------|-----------|
| Market Cap (USD)    | 1,196mn   |
| Bloomberg Code      | GRAV IN   |
| Reuters Code        | GRAI.BO   |
| 52-week Range (INR) | 1,635/610 |
| Free Float (%)      | 32.0      |
| ADTV-3M (mn) (USD)  | 6.9       |
|                     |           |

| Price Performance (%)     | 3m   | 6m   | 12m   |
|---------------------------|------|------|-------|
| Absolute                  | 48.7 | 42.0 | 121.3 |
| <b>Relative to Sensex</b> | 39.4 | 29.3 | 100.6 |

| 0.0 |
|-----|
| 0.0 |
| 6.5 |
|     |

#### **Previous Reports**

09-05-2024: Initiating Coverage



**CICI** Securities

### India | Equity Research | Q1FY25 results review



### Vision 2028

Vision 2028 targets a CAGR of ~25% for volumes, profitability growth of ~35% and RoCE of over 25%. It also encompasses increasing share of renewable energy to over 30% and reducing overall energy consumption by ~10%. Further, management guides for volume growth of 25% YoY alongside tax rate of 10–11% in FY25. It sees the tax rate continuing to be in this range for the next 3–4 years.

### Outlook

Despite being in the commodities space, GRAV's margins are likely to remain stable and relatively better compared to peers due to sourcing efficiencies and back-to-back hedging policy for lead. Going ahead, even aluminium recycling operations in domestic market (ADC-12 alloy) would be largely hedged, allowing further stability in margins.

Going forward, we peg volume growth of 25% YoY and EBITDA/EPS growth of 38%/28% YoY till FY26E. Given the focus on a circular economy, relatively better margins compared to peers and high RoE, we raise our valuation multiple to 30x (earlier 21x) on FY26E EPS. We have also raised our EPS estimates by 5%/6% for FY25/FY26 owing to the lower (sustainable) depreciation at overseas subsidiaries. Our revised target price works out to INR 1,750 (earlier INR 1,150).

#### Exhibit 1: Earning revision table

| (INR mn) |        | FY25E  |       |        | FY26E  |       |
|----------|--------|--------|-------|--------|--------|-------|
|          | New    | Old    | % Chg | New    | Old    | % Chg |
| Sales    | 39,407 | 39,407 | 0.0   | 48,186 | 48,186 | 0.0   |
| EBITDA   | 4,087  | 4,087  | 0.0   | 5,422  | 5,422  | 0.0   |
| PAT      | 2,991  | 2,842  | 5.2   | 3,975  | 3,732  | 6.5   |

Source: I-Sec research

### Key risks

- Any adverse government policy on usage, handling and recycling may have an adverse impact.
- Geopolitical risks.
- Change in government's policies towards scrap procurement.

### Exhibit 2: Gravita India Q1FY25 performance

| (INR mn)                         | Q1FY25 | Q1FY24 | % Chg YoY | Q4FY24 | % Chg QoQ | FY24    | FY23    | % Chg YoY |
|----------------------------------|--------|--------|-----------|--------|-----------|---------|---------|-----------|
| Net sales/Income from operations | 9,079  | 7,034  | 29.1      | 8,634  | 5.1       | 31,608  | 28,006  | 12.9      |
| Gross Margin                     | 1,793  | 1,405  | 27.6      | 1,557  | 15.2      | 5,996   | 5,186   | 15.6      |
| Gross Margin (%)                 | 19.8%  | 20.0%  |           | 18.0%  |           | 19.0%   | 18.5%   |           |
| Employee cost                    | 428    | 393    | 8.9       | 271    | 57.9      | 1,312.4 | 1,335.6 | (1.7)     |
| Other expenditure                | 489    | 428    | 14.2      | 564    | (13.4)    | 1,847.7 | 1,874.1 | (1.4)     |
| EBITDA                           | 877    | 584    | 50.0      | 722    | 21.5      | 2,836   | 1,976   | 43.5      |
| Margin (%)                       | 9.7%   | 8.3%   |           | 8.4%   |           | 9.0%    | 7.1%    |           |
| Other Income                     | 69     | 234    | (70.6)    | 249    | (72.4)    | 778     | 931     | (16.4)    |
| Depreciation                     | 65     | 79     | (17.7)    | 125    | (47.8)    | 380     | 240     | 58.6      |
| EBIT                             | 880    | 739    | 19.2      | 846    | 4.1       | 3,234   | 2,667   | 21.2      |
| Interest                         | 130    | 127    | 2.0       | 124    | 4.9       | 492     | 391     | 25.8      |
| PBT                              | 751    | 612    |           | 722    |           | 2,742   | 2,276   |           |
| Tax expense:                     | 71     | 86     | (18.0)    | 28     | 152.1     | 319     | 235     | 35.6      |
| PAT                              | 680    | 525    | 29.4      | 694    | (2.0)     | 2,423   | 2,041   | 18.7      |

Source: I-Sec research, Company data



|               | × 1    |        |           |        |           |
|---------------|--------|--------|-----------|--------|-----------|
| (INR)         | Q1FY25 | Q1FY24 | % Chg YoY | Q4FY24 | % Chg QoQ |
| Lead          |        |        |           |        |           |
| Volumes (Kte) | 41.9   | 29.3   | 43.1      | 40.6   | 3.1       |
| EBITDA/te     | 19,321 | 17,965 | 7.5       | 19,252 | 0.4       |
| Aluminium     |        |        |           |        |           |
| Volumes (Kte) | 2.5    | 4.8    | (48.5)    | 3.2    | (24.3)    |
| EBITDA/te     | 19,414 | 13,137 | 47.8      | 15,308 | 26.8      |
| Plastic       |        |        |           |        |           |
| Volumes (Kte) | 3.2    | 2.8    | 16.0      | 3.5    | (9.9)     |
| EBITDA/te     | 10,077 | 7,483  | 34.7      | 11,176 | (9.8)     |
|               |        |        |           |        |           |

#### Exhibit 3: Gravita India Q1FY25 operational performance

Source: I-Sec research, Company data

## Q1FY25 conference call takeaways

- Overall, volume grew 29% YoY with EBITDA/PAT growing 33%/29% YoY. Capacity utilisation in Q1FY25 lead: 70%; aluminium: 45%; plastic: 40%.
- Due to strict government regulations (PWMR and EPR), availability and sourcing of scrap is increasing.
- In Q1FY25, GRAV's total scrap consisted of ~40% domestic scarp (up 50% YoY).
- GRAV employs back-to-back hedging mechanism to mitigate the risk in lead segment. Now, it is also working on a hedging mechanism for aluminium recycling. Management expects the launch of aluminium contract on MCX exchange shortly (by Q2FY25).
- GRAV is setting up pilot projects for lithium-ion recycling and tyre recycling at Mundra. Both are likely to be operational in H1FY26. Lithium-ion battery is a pilot project. The first phase will be buying over the counter technology for creating black mass. The second phase will be extracting/refining metals from in-house technology. Collection of scrap (importing or sourcing domestically) will have to wait till the development of plant.
- Paper recycling plant and steel recycling plant may be operational in FY27.
- Vision 2028 targets CAGR volume growth of ~25%, profitability growth of ~35% and RoCE of over 25%. Also, increasing the share of renewable energy over 30% and reducing overall energy consumption by ~10%.
- Aluminium EBITDA improvement partially came from metal prices, which improved in Q1FY25. As GRAV is not fully-hedged on aluminium, if prices go higher it gets higher margin and vice versa.
- A new plant is coming up in Ghana, which will further add to aluminium volume.
- Sustainable EBITDA/te for aluminium recycling is INR 14,000–16,000/te.
- Sustainable EBITDA/te for lead recycling is INR 18,000–19,000/te.
- Management targets volume growth of 25% YoY in FY25.
- Tax rate should be 10–11% in FY25 and will continue to be in this range for the next 3–4 years.
- Two subsidiaries have been shut (in Jamaica and Costa Rica); they were in plastic recycling business. One plant in Jamaica, stock yard in Costa Rica and processing in Nicaragua. GRAV has exited from these countries due to supply-chain issues during Covid-19. There was no impact on business or expansion plans.

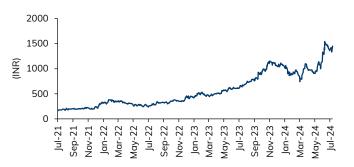


- The company will have a recycling business in India for food-grade plastic.
- The improvement in bottom line will be better than volume growth due to operating leverage.
- Other income includes: 1) Operational other income consisting of commodity and forex contracts; and 2) non-operational other income consisting of interest income etc. During Q1FY25, forex contract income was negative and was a part of other expense.
- Increase in employee cost (YoY) was due to annual incentive payment; GRAV has also announced additional incentives of INR 90mn. Also, there is some part of annual increment of 9-10%. In Q2FY25, employee cost will be in similar range.
- Capex: Tota capex of INR 6bn (in next 3-4yrs) will be from internal accrual. Some working capital debt may be taken as per need. In FY25, capex will be ~INR 1.8bn, which includes INR 1.4bn for existing verticals and INR 400mn for new verticals. Capex of INR 150–200mn has been incurred in Q1FY25.
- Sourcing arrangement: In India, ~80% sourcing is through OEMs, where there is a tolling arrangement (fixed margin). Only get processing charges from OEMs.
- GRAV is looking into hydro metallurgy in the second phase of the lithium-ion recycling pilot project. Capex for this will be INR 400mn this year and management expects overall capex of ~INR 1bn in next 3–4 years.
- GRAV has gross debt of ~INR 5.5bn and net debt of INR 4.7bn.
- Working capital days have come down due to increase in sourcing domestically. Working capital days came down to 80 days in Q1FY25 vs. 85 days in Q4FY24.
- GRAV is comfortable at peak utilisation levels of 75–80% and targets capacity utilisation of ~70% after capacity growth.
- Upcoming rubber plant capacity will be 9ktpa in India at capex of INR 300mn.
- GRAV is targeting domestic scrap collection of up to 70–80% for India business.

### Exhibit 4: Shareholding pattern

| %                       | Dec'23 | Mar'24 | Jun'24 |
|-------------------------|--------|--------|--------|
| Promoters               | 66.5   | 66.5   | 63.7   |
| Institutional investors | 11.1   | 11.5   | 14.4   |
| MFs and others          | 0.1    | 0.1    | 0.9    |
| Fls/Banks               | 0.0    | 0.0    | 0.0    |
| Insurance               | 0.0    | 0.0    | 0.1    |
| Flls                    | 11.0   | 11.4   | 13.4   |
| Others                  | 22.4   | 22.0   | 21.9   |

#### Exhibit 5: Price chart



Source: Bloomberg

Source: Bloomberg



# **Financial Summary**

#### Exhibit 6: Profit & Loss

#### (INR mn, year ending March)

|  | FY23A          | FY24A          | FY25E          | FY26E          |
|--|----------------|----------------|----------------|----------------|
| Net Sales                                      | 28,006         | 31,608         | 39,407         | 48,186         |
| Operating Expenses                             | 3,210          | 3,160          | 3,940          | 4,845          |
| EBITDA   | 1,976          | 2,836          | 4,087          | 5,422          |
| EBITDA Margin (%)                              | 7.1            | 9.0            | 10.4           | 11.3           |
| Depreciation & Amortization                    | 240            | 380            | 349            | 511            |
| EBIT   | 1,737          | 2,456          | 3,738          | 4,911          |
| Interest expenditure                           | 391            | 492            | 485            | 512            |
| Other Non-operating<br>Income                  | 931            | 778            | 150            | 150            |
| Recurring PBT                                  | 2,276          | 2,742          | 3,403          | 4,549          |
| Profit / (Loss) from<br>Associates             | -              | -              | -              | -              |
| Less: Taxes                                    | 235            | 319            | 413            | 574            |
| PAT  | 2,041          | 2,423          | 2,991          | 3,975          |
| Less: Minority Interest                        | -              | -              | -              | -              |
| Extraordinaries (Net)                          | -              | -              | -              | -              |
| Net Income (Reported)<br>Net Income (Adjusted) | 2,041<br>2,041 | 2,423<br>2,423 | 2,991<br>2,991 | 3,975<br>3,975 |

Source Company data, I-Sec research

### Exhibit 7: Balance sheet

#### (INR mn, year ending March)

|   | FY23A | FY24A  | FY25E  | FY26E  |
|---|-------|--------|--------|--------|
| Total Current Assets                      | 8,624 | 11,597 | 12,650 | 14,497 |
| of which cash & cash eqv.                 | 381   | 988    | 1,496  | 1,529  |
| Total Current Liabilities &<br>Provisions | 2,249 | 1,894  | 2,237  | 2,502  |
| Net Current Assets                        | 6,375 | 9,703  | 10,413 | 11,996 |
| Investments                               | 11    | 165    | 165    | 165    |
| Net Fixed Assets                          | 2,664 | 3,421  | 5,358  | 7,967  |
| ROU Assets                                | 68    | 63     | 63     | 63     |
| Capital Work-in-Progress                  | 455   | 428    | 428    | 428    |
| Total Intangible Assets                   | 1     | 1      | 1      | 1      |
| Other assets                              | 229   | 349    | 349    | 349    |
| Deferred Tax Assets                       | -     | -      | -      | -      |
| Total Assets                              | 9,803 | 14,129 | 16,776 | 20,968 |
| Liabilities                               |       |        |        |        |
| Borrowings                                | 3,445 | 5,451  | 5,094  | 5,297  |
| Deferred Tax Liability                    | 133   | 54     | 66     | 81     |
| provisions                                | 65    | 100    | 100    | 100    |
| other Liabilities                         | 143   | 19     | 19     | 19     |
| Equity Share Capital                      | 138   | 138    | 138    | 138    |
| Reserves & Surplus                        | 5,751 | 8,236  | 11,227 | 15,202 |
| Total Net Worth                           | 5,889 | 8,374  | 11,365 | 15,340 |
| Minority Interest                         | 128   | 132    | 132    | 132    |
| Total Liabilities                         | 9,803 | 14,129 | 16,776 | 20,968 |

Source Company data, I-Sec research

### **Exhibit 8: Quarterly trend**

#### (INR mn, year ending March)

|                     | Sep-23 | Dec-23 | Mar-24 | Jun-24 |
|---------------------|--------|--------|--------|--------|
| Net Sales           | 8,362  | 7,578  | 8,634  | 9,079  |
| % growth (YOY)      | 6.4    | (6.4)  | (22.3) | 8.9    |
| EBITDA              | 726    | 804    | 722    | 877    |
| Margin %            | 8.7    | 10.6   | 8.4    | 9.7    |
| Other Income        | 234    | 141    | 154    | -      |
| Extraordinaries     | -      | -      | -      | -      |
| Adjusted Net Profit | 525    | 588    | 615    | 2,423  |

Source Company data, I-Sec research

#### **Exhibit 9: Cashflow statement**

#### (INR mn, year ending March)

|  | FY23A   | FY24A   | FY25E   | FY26E   |
|--|---------|---------|---------|---------|
| Operating Cashflow                     | 2,032   | 386     | 3,635   | 3,461   |
| Working Capital Changes                | (786)   | (2,487) | (189)   | (1,536) |
| Capital Commitments                    | (1,061) | (1,687) | (2,285) | (3,120) |
| Free Cashflow                          | 971     | (1,300) | 1,350   | 341     |
| Other investing cashflow               | 7       | 108     | -       | -       |
| Cashflow from Investing<br>Activities  | (1,054) | (1,578) | (2,285) | (3,120) |
| Issue of Share Capital                 | -       | -       | -       | -       |
| Interest Cost                          | (389)   | (482)   | (485)   | (512)   |
| Inc (Dec) in Borrowings                | (433)   | 1,997   | (357)   | 203     |
| Dividend paid                          | (43)    | (295)   | -       | -       |
| Others                                 | -       | -       | -       | -       |
| Cash flow from Financing<br>Activities | (874)   | 1,209   | (842)   | (309)   |
| Chg. in Cash & Bank<br>balance         | 105     | 17      | 508     | 32      |
| Closing cash & balance                 | 339     | 320     | 867     | 899     |

Source Company data, I-Sec research

### Exhibit 10: Key ratios

(Year ending March)

| (real chang March)        |       |       |       |       |
|---------------------------|-------|-------|-------|-------|
|                           | FY23A | FY24A | FY25E | FY26E |
| Per Share Data (INR)      |       |       |       |       |
| Reported EPS              | 30.0  | 35.6  | 44.0  | 58.5  |
| Adjusted EPS (Diluted)    | 30.0  | 35.6  | 44.0  | 58.5  |
| Cash EPS                  | 33.5  | 41.2  | 49.1  | 66.0  |
| Dividend per share (DPS)  | -     | -     | -     | -     |
| Book Value per share (BV) | 86.6  | 123.1 | 167.1 | 225.6 |
| Dividend Payout (%)       | -     | -     | -     | -     |
| Growth (%)                |       |       |       |       |
| Net Sales                 | 26.4  | 12.9  | 24.7  | 22.3  |
| EBITDA                    | (6.3) | 43.5  | 44.1  | 32.7  |
| EPS (INR)                 | 37.5  | 18.7  | 23.4  | 32.9  |
| Valuation Ratios (x)      |       |       |       |       |
| P/E                       | 48.3  | 40.7  | 32.9  | 24.8  |
| P/CEPS                    | 43.2  | 35.2  | 29.5  | 22.0  |
| P/BV                      | 16.7  | 11.8  | 8.7   | 6.4   |
| EV / EBITDA               | 1.5   | 1.5   | 0.8   | 0.7   |
| Dividend Yield (%)        | -     | -     | -     | -     |
| Operating Ratios          |       |       |       |       |
| Gross Profit Margins (%)  | 18.5  | 19.0  | 20.4  | 21.3  |
| EBITDA Margins (%)        | 7.1   | 9.0   | 10.4  | 11.3  |
| Effective Tax Rate (%)    | 10.3  | 11.6  | 12.1  | 12.6  |
| Net Profit Margins (%)    | 7.3   | 7.7   | 7.6   | 8.2   |
| Net Debt / Equity (x)     | 0.5   | 0.5   | 0.3   | 0.2   |
| Net Debt / EBITDA (x)     | 1.5   | 1.5   | 0.8   | 0.7   |
| Fixed Asset Turnover (x)  | 10.3  | 8.9   | 7.8   | 6.7   |
| Inventory Turnover Days   | 102   | 90    | 85    | 80    |
| Receivables Days          | 23    | 35    | 22    | 22    |
| Payables Days             | 15    | 9     | 11    | 11    |
| Profitability Ratios      |       |       |       |       |
| RoCE (%)                  | 20.9  | 20.8  | 24.6  | 25.1  |
| RoE (%)                   | 47.8  | 39.2  | 34.5  | 33.6  |
| RoIC (%)                  | 22.3  | 22.1  | 26.8  | 27.5  |
|                           |       |       |       |       |

Source Company data, I-Sec research



This report may be distributed in Singapore by ICICI Securities, Inc. (Singapore branch). Any recipients of this report in Singapore should contact ICICI Securities, Inc. (Singapore branch) in respect of any matters arising from, or in connection with, this report. The contact details of ICICI Securities, Inc. (Singapore branch) are as follows: Address: 10 Collyer Quay, #40-92 Ocean Financial Tower, Singapore - 049315, Tel: +65 6232 2451 and email: navneet\_babbar@icicisecuritiesinc.com, Rishi aarawal@icicisecuritiesinc.com

"In case of eligible investors based in Japan, charges for brokerage services on execution of transactions do not in substance constitute charge for research reports and no charges are levied for providing research reports to such investors."

New I-Sec investment ratings (all ratings based on absolute return; All ratings and target price refers to 12-month performance horizon, unless mentioned otherwise) BUY: >15% return; ADD: 5% to 15% return; HOLD: Negative 5% to Positive 5% return; REDUCE: Negative 5% to Negative 15% return; SELL: < negative 15% return

#### ANALYST CERTIFICATION

I/We, Amit Dixit, PGDM, B.Tech; Mohit Lohia, CA; Pritish Urumkar, MBATech (Finance); authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of the ICICI Securities Inc. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

#### Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager, Research Analyst and Alternative Investment Fund. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities AIF Trust's SEBI Registration number is IN/AIF3/23-24/1292 ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icicidirect com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Institutional Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Retail Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. 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 of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances. This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall 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. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. 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. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in

projections. Forward-looking statements are not predictions and may be subject to change without notice. ICICI Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as a entity are engaged in various financial service businesses, they might have financial interests or actual/beneficial ownership of one percent or more or other material conflict of interest in various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report. Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

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 ICICI Securities and affiliates 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.

This report has not been prepared by ICICI Securities, Inc. However, ICICI Securities, Inc. has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.



# 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. None of the research recommendations promise or guarantee any assured, minimum or risk free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Atul Agrawal, Contact number: 022-40701000, **E-mail Address** : <u>complianceofficer@icicisecurities.com</u> For any queries or grievances: <u>Mr. Bhavesh Soni</u> Email address: <u>headservicequality@icicidirect.com</u> Contact Number: 18601231122