

BUY

CMP: ₹ 200

## Target: ₹ 260 (30%)

# Target Period: 12 months

October 19, 2023

# Wider opportunity at play with Aichi Steel Corporation as strategic partner, PLI beneficiary, portfolio play...

**About the stock**: Vardhman Special Steel (VSSL) established since 2010 and headquartered in Ludhiana (Punjab), is a leading value-added player domestically supplying special and alloy steel to automobile industry. It has an installed capacity of 2.4 lakh tonnes of billets per annum, 2 lakh tonnes of rolled bars and 0.5 lakh tonnes of bright bars.

- VSSL in the recent past i.e., 2019 has entered into a strategic alliance with Aichi Steel Corporation (ASC) Japan, part of Toyota group, wherein ASC had purchased 11.4% stake in the company through preferential allotment and as same time entered into a Technical Assistance Agreement thereby helping VSSL upgrade its systems and processes in order to be a globally competitive quality supplier of special steel.
- VSSL possesses one of the unique features of producing special steel though EAF route of steel making thereby having controlled carbon emissions; green steel at play.

# **Investment Thesis**

- Aichi Steel association- a structurally long term positive: Aichi Steel is a global conglomerate belonging to Toyota group wherein steel produced by ASC is the source of high-quality products that support the automotive industry. VSSL has long being trying to rope in Aichi Steel for a strategic alliance with deal finally cracked in 2019. ASC with it engineering & technology prowess as well as high quality standards in manufacturing special steel is expected to transform VSSL into a truly world class organisation supplying quality/value added components for the automobile industry. It will open a broader export play with VSSL planning to up the game in this domain supplying special steel to ASC approved plants/vendors in South East Asian markets with intent to grow export sales to 20-25% of sales volume by FY25E vs. 5% in FY23.
- Brownfield expansion under execution, much larger vision for 2030: With sales volume of ~2 lakh tonne in FY23, the company is witnessing capacity constrains amidst steady state growth in the domestic automobile space. It is however expanding brownfield from 2 lakh tonne to ~2.5 lakh tonne of rolled products capacity in phases and is expected to be completed by FY26E at a total capex spend of ~₹300 crore which also includes land acquisition for new plant. Organically we have built in 4.8% sales volume CAGR over FY23-26E, consequent Sales/PAT growth is seen at 6.2%/8.6% CAGR over FY23-26E. The company however envisaged a much large role with ultimate aim to emerge as the #1 special steel manufacturer in India by 2030.

### **Rating and Target Price**

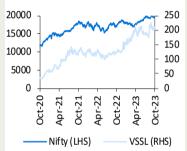
- We assign BUY rating to the stock gaining confidence from VSSL's aim to make it big in the special steel domain amidst backing of Aichi Steel Corporation. We value VSSL at ₹260 i.e., 18x PE on FY25E-26E average EPS of ₹14.3/share
- We drive comfort from controlled leveraged B/S at VSSL (Debt: Equity 0.2x as of FY23), Capital efficient business model (RoE at ~12-15%) and positive CFO generation

# Vardhman Delivering Excellence. Since 1965

#### Particulars Particulars ₹ crore Market capitalisation 1,625.1 Total Debt (FY23) 142.9 Cash & Investment (FY23) 29.6 EV (₹ crore) 1.738.5 52 w eek H/L (₹) 234 / 120 Equity capital (₹ crore) 81.3 Face value (₹) 10.0

Shareholding pattern									
	Dec-22	Mar-23	Jun-23	Sep-23					
Promoter	60.8	60.7	60.7	60.7					
FII	0.5	1.1	1.2	1.0					
DII	0.8	1.0	1.1	2.4					
Other	37.9	37.1	37.0	35.9					

# Price Chart



#### Key Risks

- Lower than build in improvement in EBITDA/tonne levels for FY24-26E
- Delay in execution & commissioning of new brownfield capacity

#### **Research Analyst**

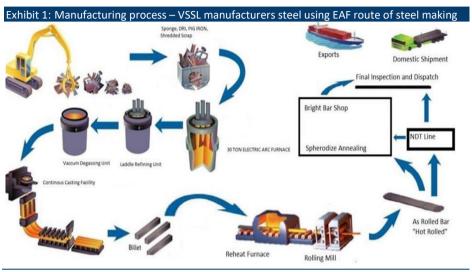
Shashank Kanodia Shashank.kanodia@icicisecurities.com

Key Financial Summary										
Key Financials	FY19	FY20	FY21	FY22	FY23	4 year CAGR (FY19-23)	FY24E	FY25E	FY26E	3 year CAGR (FY23-26E)
Net Sales	1,120.8	846.2	937.1	1,368.5	1,735.0	11.5%	1,796.1	1,914.2	2,079.0	6.2%
EBITDA	67.8	39.7	103.4	173.7	141.3	20.1%	139.2	167.5	193.3	11.0%
EBITDA Margins (%)	6.1	4.7	11.0	12.7	8.1		7.8	8.8	9.3	
Net Profit	22.2	3.3	44.2	100.8	100.4	45.8%	91.3	103.8	128.5	8.6%
EPS (₹)	6.2	0.8	5.5	12.4	12.4		11.2	12.8	15.8	
P/E	32.2	241.9	36.7	16.1	16.2		17.8	15.7	12.6	
RoNW (%)	6.1	0.8	9.6	18.2	15.6		12.6	12.6	13.7	
RoCE (%)	6.4	2.1	11.2	19.9	14.0		12.4	12.3	13.4	

**Conviction Pick** 

#### **Company Background**

Vardhman Special Steel (VSSL) headquartered in Ludhiana (Punjab), is the leading special steel manufacturer for automotive application (90-95% of sales; largest exposure is towards PV segment, followed by 2W, CV and others). Its key customers include Maruti Suzuki, Hyundai, Toyota, Hero MotoCorp, Caterpillar, among others. Alongside automotive it also carters to other industries like Engineering, Bearing and other Allied Industries. It has an installed capacity of 2.4 lakh tonnes of billets per annum, 2 lakh tonnes of rolled products and 48,000 tonnes of bright bars.



Company manufactures hot rolled bars ranging from 16-120 MM in diameter through self-consumption of billets produced

Company also produces bright bars ranging from 14.66 to 78 MM (peeled) & 18 to 55.25 MM in (drawn) diameter

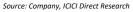
Source: Company, ICICI Direct Research

Exhibit 2: Application of produc	ts – largely all critical components for automotive space	
Axle Gears		Transmission Gear
Stabilizer Bar		Drive-Shaft
Knuckle Spindle		Tie-Rod
Piston		Bearings
Connecting Rod		Companion-flange
Camshaft		Axle Shaft
Center Velocity Joint		Piston-Pin
Crankshaft		Steering-Yoke
Differential Gears		Steering Shaft

Source: Company, ICICI Direct Research

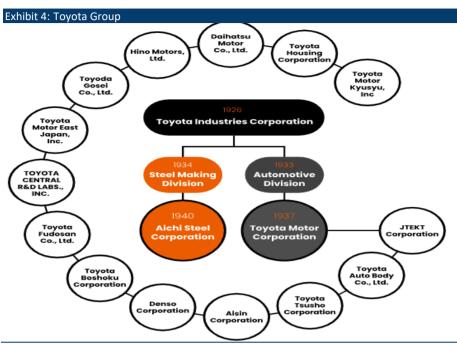
#### Exhibit 3: Esteemed Customer profile at VSSL





#### Aichi Steel Corporation

Aichi Steel Corporation (ASC) is Toyota group company (only materials manufacturer in the group) est. since 1940-45 and is the leading manufacturer of speciality steel & other materials (electronic components, magnets, dental material, sensors etc.).



#### Source: Company, ICICI Direct Research

It primarily operated into four main segments namely; (i) **speciality steel** (ranging from 10-230 mm in diameter for round bars), (ii) **forged products** (like e-axle products, engine related components, transmission products, chassis components, etc), (iii) **stainless steel/titanium** (also includes building structure engineering function) and (iv) **Electronic function materials and components/magnetic application products** 



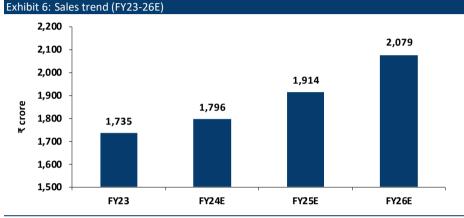
Source: Company, ICICI Direct Research

VSSL in 2019 has entered into a strategic alliance with Aichi Steel Corporation (ASC), wherein ASC had purchased 11.4% stake in the company and as same time entered into a Technical Assistance Agreement thereby helping VSSL upgrade its systems and processes in order to be a globally competitive quality supplier of special steel.

#### **Investment Rationale**

#### Fundamental levers for growth; VSSL - key PLI Beneficiary in special steel domain

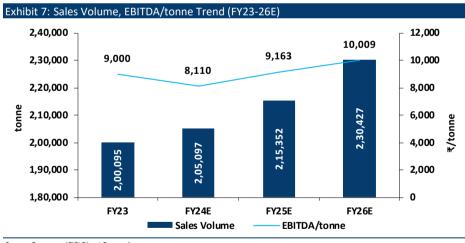
With the aim to increase domestic manufacturing of speciality steel and rein in imports, the government has formulated PLI scheme for this space at a total outlay of ₹ 6,322 crore over FY24E-30E. VSSL which is currently undergoing brownfield expansion is an approved player under this scheme given its present capex spends. With steady growth prospects in automobile space, growth longevity particularly in the PV segment (highest exposure segment for VSSL), greater export play with ASC coming on board and phase wise commissioning of incremental capacities, we expect company to report 4.8% sales volume CAGR over FY23-26E. Consequent net sales CAGR over FY23-26E is pegged at 6.2%. Positive surprise along this journey could be sooner than expected announcement and execution of new greenfield capacity.



Source: Company, ICICI Direct Research

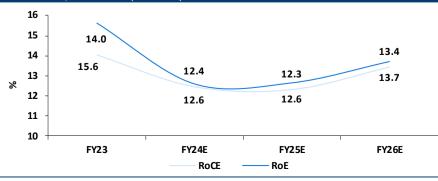
#### With operating efficiencies at bay, EBITDA/tonne to improve towards ₹10k level

Going forward with operating efficiencies at play amidst rise in volumes as well as development of new grades under the guidance of ASC coupled with favourable price negotiation with customers, we expect EBITDA/tonne at VSSL to gradually improved to ~10,000 levels by FY26E vs. ~9,000 levels clocked in FY23 and ~7,700 in Q1FY24.



Source: Company, ICICI Direct Research

Exhibit 8: RoE, RoCE Trend (FY23-26E)



PLI Outlay over years					
Financial Year	Outlay (in ₹ Cr)				
2023-24	775				
2024-25	1,088				
2025-26	1,394				
2026-27	1,377				
2027-28	1,293				
2028-29	222				
2029-30	173				
Total	6,322				

Source: MOS, ICICI Direct Research

With the PLI scheme, government aims to more than double domestic production of special steel to **42 MT by FY27 vs ~17.6 MT in FY20** with exports expected to increase 3x (i.e., from 1.6 MT in FY20 to 5.5 MT by FY27) while imports expected to reduce ~4x (i.e., from 3.7 MT in FY20 to 0.9 MT by FY27). It also envisages a total investment of ~₹39,625 crore by FY30E in this domain

At VSSL, we expect EBITDA to grow at a CAGR of 11% over FY23-26E with margins slated to improve from 8.1% in FY23 to 9.3% in FY26E. Consequent PAT CAGR over FY23-26E is expected at 8.6% to ~₹130 crore by FY26E.

VSSL is a capital efficient player with double digit return ratios in the range of 12-15%.

Source: Company, ICICI Direct Research

#### **Risk & Concerns**

#### Dealy in commissioning of brownfield capacity

VSSL is currently witnessing capacity constraints with sales volume of ~2 lakh tonne in FY23 and rolled product capacity of similar magnitude i.e., ~2 lakh tonne. With ambition of greater export play with the help of ASC and steady demand prospects domestically, any delay in brownfield capacity commissioning will result in loss in volumes and is consequent adverse to our target price calculation.

#### Slowdown in domestic automobile sector, exposure to engine products - EV risk

VSSL realises substantially topline (~90%) from domestic automobile sector and even manufacturers steel for some of the engine products such as piston, crankshaft, camshaft among others. Hence any slowdown in domestic automobile space coupled with inadequate efforts on diversifying the product/customer base thereby mitigating the EV threat is a risk to our investment call on the company.

#### Inadequate and untimely price negotiation with customers

VSSL in ordinary course of business needs to negotiate its end product price with customers at periodic basis. However, since these customers are primarily large conglomerates (including Auto OEM's), VSSL possesses less bargaining power which in case of sharp movement in commodity prices (input costs) might hamper its profitability in the interim period. This is an inherent risk to our investment call.

# **Financial summary**

Exhibit 9: Profit and loss statement ₹ crore								
(Year-end March)	FY23	FY24E	FY25E	FY26E				
Net Sales	1735.0	1796.1	1914.2	2079.0				
Other Operating Income	0.0	0.0	0.0	0.0				
Total Operating Income	1,735.0	1,796.1	1,914.2	2,079.0				
Grow th (%)	26.8	3.5	6.6	8.6				
Raw Material Expenses	1,109.1	1,109.1	1,177.3	1,278.6				
Employee Expenses	89.9	89.8	95.7	103.9				
Other Operating Expense	394.6	458.0	473.8	503.1				
Total Operating Expenditure	1,593.7	1,656.9	1,746.7	1,885.6				
EBITDA	141.3	139.2	167.5	193.3				
Grow th (%)	-18.6	-1.5	20.3	15.4				
Depreciation	28.1	29.1	35.8	42.0				
Interest	17.7	15.2	22.8	16.8				
Other Income	38.8	27.1	29.8	37.3				
PBT	134.3	122.1	138.7	171.8				
Exceptional Item	0.0	0.0	0.0	0.0				
Total Tax	33.9	30.8	35.0	43.3				
PAT	100.4	91.3	103.8	128.5				
Grow th (%)	-0.3	-9.1	13.7	23.8				
EPS (₹)	12.4	11.2	12.8	15.8				

Source: Company, ICICI Direct Research

Exhibit 11: Balance sheet				₹crore
(Year-end March)	FY23	FY24E	FY25E	FY26E
Liabilities				
Equity Capital	40.6	81.3	81.3	81.3
Reserve and Surplus	601.5	644.1	739.7	856.1
Total Shareholders func	642.2	725.3	821.0	937.3
Total Debt	142.9	137.9	227.9	167.9
Deferred Tax Liability	20.1	20.1	20.1	20.1
Minority Interest / Others	1.4	1.4	1.4	1.4
Total Liabilities	806.6	884.7	1,070.4	1,126.7
Assets				
Gross Block	481.4	488.3	613.3	788.3
Less: Acc Depreciation	187.7	216.8	252.6	294.6
Net Block	293.7	271.5	360.7	493.7
Capital WIP	11.9	75.0	150.0	25.0
Total Fixed Assets	305.6	346.5	510.7	518.7
Investments	20.0	25.0	8.0	10.0
Inventory	362.7	369.1	393.3	427.2
Debtors	261.5	295.3	314.7	341.7
Loans and Advances	4.3	4.5	4.8	5.2
Other Current Assets	43.3	44.8	47.7	51.9
Cash	9.6	12.8	19.8	22.5
Total Current Assets	681.4	726.4	780.4	848.4
Current Liabilities	185.6	196.8	209.8	227.8
Provisions	3.0	3.2	3.4	3.7
Current Liabilities & Prov	223.9	236.6	252.2	273.9
Net Current Assets	457.5	489.8	528.2	574.6
Others Assets	23.4	23.4	23.4	23.4
Application of Funds	806.6	884.7	1,070.4	1,126.7

Source: Company, ICICI Direct Research

Exhibit 10: Cash flow statement			₹	₹ crore	
(Year-end March)	FY23	FY24E	FY25E	FY26E	
Profit after Tax	100.4	91.3	103.8	128.5	
Add: Depreciation	28.1	29.1	35.8	42.0	
(Inc)/dec in Current Assets	-103.6	-41.8	-46.9	-65.4	
Inc/(dec) in CL and Provisions	41.2	12.7	15.6	21.7	
Others	17.7	15.2	22.8	16.8	
CF from operating activities	83.9	106.5	131.0	143.6	
(Inc)/dec in Investments	-4.6	-5.0	17.0	-2.0	
(Inc)/dec in Fixed Assets	-31.8	-70.0	-200.0	-50.0	
Others	-5.1	0.0	0.0	0.0	
CF from investing activities	-41.4	-75.0	-183.0	-52.0	
lssue/(Buy back) of Equity	0.1	40.6	0.0	0.0	
Inc/(dec) in loan funds	-18.0	-5.0	90.0	-60.0	
Dividend & interest outgo	-31.9	-23.3	-30.9	-29.0	
Inc/(dec) in Share Cap	0.0	0.0	0.0	0.0	
Others	0.9	-40.6	0.0	0.0	
CF from financing activities	-48.9	-28.3	59.1	-89.0	
Net Cash flow	-6.4	3.2	7.1	2.6	
Opening Cash	15.9	9.6	12.8	19.8	
Closing Cash	9.6	12.8	19.8	22.5	

Source: Company, ICICI Direct Research

Exhibit 12: Key ratios				
(Year-end March)	FY23	FY24E	FY25E	FY26E
Per share data (₹)				
EPS	12.4	11.2	12.8	15.8
Cash EPS	15.8	14.8	17.2	21.0
BV	79.0	89.3	101.0	115.4
DPS	1.0	1.0	1.0	1.5
Cash Per Share	1.2	1.6	2.4	2.8
Operating Ratios (%)				
EBITDA Margin	8.1	7.7	8.8	9.3
PAT Margin	5.8	5.1	5.4	6.2
Inventory days	76.3	75.0	75.0	75.0
Debtor days	55.0	60.0	60.0	60.0
Creditor days	39.0	40.0	40.0	40.0
Return Ratios (%)				
RoE	15.6	12.6	12.6	13.7
RoCE	14.0	12.4	12.3	13.4
RolC	14.8	14.3	14.8	14.1
Valuation Ratios (x)				
P/E	16.2	17.8	15.7	12.6
EV / EBITDA	12.3	12.4	10.9	9.1
EV / Net Sales	1.0	1.0	1.0	0.8
Market Cap / Sales	0.9	0.9	0.8	0.8
Price to Book Value	2.5	2.2	2.0	1.7
Solvency Ratios				
Debt/EBITDA	1.0	1.0	1.4	0.9
Debt / Equity	0.2	0.2	0.3	0.2
Current Ratio	3.6	3.6	3.6	3.6
Quick Ratio	1.6	1.7	1.7	1.7

Source: Company, ICICI Direct Research

# **RATING RATIONALE**

ICICI Direct endeavors to provide objective opinions and recommendations. ICICI Direct assigns ratings to its stocks according -to their notional target price vs. current market price and then categorizes them as Buy, Hold, Reduce and Sell. The performance horizon is two years unless specified and the notional target price is defined as the analysts' valuation for a stock

Buy: >15% Hold: -5% to 15%;

Reduce: -15% to -5%;

Sell: <-15%



Pankaj Pandey

Head – Research

ICICI Direct Research Desk, ICICI Securities Limited, Third Floor, Brillanto House, Road No 13, MIDC, Andheri (East) Mumbai – 400 093 research@icicidirect.com pankaj.pandey@icicisecurities.com

#### ANALYST CERTIFICATION

I/We, Shashank Kanodia, CFA, MBA (Capital Markets), Research Analysts, 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. 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. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager and Research Analyst. 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. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. 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, Ife insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

#### Investments 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 Agarwal

Contact number: 022-40701000 E-mail Address: complianceofficer@icicisecurities.com

For any queries or grievances: Mr. Prabodh Avadhoot Email address: headservicequality@icicidirect.com Contact Number: 18601231122

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 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 Retail 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 Institutional 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 in due to 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.

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 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 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.