Varun Beverages (VARBEV)

CMP: ₹ 789 Target: ₹ 950 (20%)

Target Period: 12 months

August 3, 2021

Covid-19 again adversely sways summer season...

About the stock Varun Beverages (VBL) is one of the largest franchisees of PepsiCo in the world. The company produces & distributes carbonated drinks, juices & packaged drinking water in six countries including. Some of the PepsiCo brands produced by VBL include Pepsi, Diet Pepsi, Seven-Up, Mirinda, Mountain Dew, Nimbooz, String, Slice, Tropicana, Aquafina, among others.

 The company has operations in India (except Andhra Pradesh, J&K & Ladakh), Sri Lanka, Nepal, Morocco, Zambia & Zimbabwe

Q1CY21 Results: VBL reported a partial recovery in Q1FY22 results.

- Sales were up 49.4% YoY on a low base quarter
- EBITDA was at ₹ 570.8 crore, up 51.1% YoY, with margins at 23.3%
- Consequent PAT was at ₹ 318.8 crore (up 123% YoY)

What should investors do? Varun Beverage share price has given 4x return (from ₹ 195 in November 2016 to ₹ 789 in August 2021).

- We roll over CY23 numbers with the expectation of full sales recovery in next two years
- We maintain our BUY rating on the stock

Target Price and Valuation: We value the stock at ₹ 950, valuing the business 22x CY23 EV / EBITDA

Key triggers for future price performance:

- With the expected recovery in Covid-19 cases & vaccination drive, we expect VBL to clock optimum volumes in the 2022 peak summer season with operating margins perking up due to operating leverage
- The company has launched several new brands in last two years i.e. String, 'Mountain Dew ICE', milk based beverages. New products would drive revenues, going forward
- Given no major capex in the medium term, VBL would be able to completely de-leverage its balance sheet in the next three to four years with strong free cash flow generation

Alternate Stock Idea: We also like Zydus Wellness in our FMCG coverage

- It is growing at a steady pace in nascent categories with a strong presence in health, nutrition space and margin expansion possibilities
- Trading at a significant discount to FMCG peers. BUY with TP of $\stackrel{?}{ ext{ iny 2}}$ 2,800



BUY



Particulars	
Particulars (₹ crore)	Amount
Market Capitalization	34,166.2
Total Debt (CY20)	2,717.9
Cash & Investments (CY20)	104.6
EV	36,779.6
52 week H/L (₹)	919 / 762
Equity capital	288.7
Face value	10.0

Shareholding pattern											
(in %)	Sep-20	Dec-20	Mar-21	Jun-21							
Promoter	66.4	66.4	66.4	65.8							
FII	20.8	20.5	20.3	20.7							
DII	6.0	5.9	5.9	5.8							
Others	6.8	7.2	7.4	7.7							

Price	Chart		ı
1000	1 Т	20000	
800	-	15000	
600	I Tribay promoner	10000	
400	- Commenter March	10000	
200	+	5000	
0		0	
	Aug-17 Feb-18 Aug-19 Aug-19 Feb-20 Aug-20 Aug-21 Aug-21		
	Auç Fet Auç Fek Fek Fek Auç		

Recent event & key risks

- In H1CY21, the company incurred a capex of ₹ 190 crore
- Key Risk: (i) Further Covid-19 disruption may impact revenue growth, (ii) Incessant increase in RM cost like PET resins may impact gross margins adversely

Research Analyst

Sanjay Manyal sanjay.manyal@icicisecurities.com

	CY19	CY20	5 Year CAGR (CY15 - CY20)	CY21E	CY22E	CY23E	CAGR (CY20-23E)
Net Sales	7129.6	6450.1	13.7	7915.2	9022.0	10113.8	16.2%
EBITDA	1447.7	1201.9	13.5	1568.3	1844.4	2021.0	18.9%
EBITDA Margin %	20.3	18.6		19.8	20.4	20.0	
Net Profit	472.2	362.1	26.2	616.2	835.0	970.2	38.9%
EPS (₹)	16.36	8.36	-0.2	14.23	19.28	22.40	38.9%
P/E	48.2	94.4		55.4	40.9	35.2	
RoNW %	14.2	10.3		15.5	17.9	17.9	
RoCE (%)	15.5	10.9		17.5	22.9	26.6	

Source: Company, ICICI Direct Research

Key takeaways of recent quarter

Q1FY22 Results: Volumes recover from low base but still remain at suboptimal level

- Revenue increased 49.4% ₹ 2449.8 crore led by 45.4% jump in volumes. The company sold 152.3 million cases against 104.8 million cases in the corresponding quarter. Out of total sales volume of 152.3 million cases, India contributes 127 million cases and other international geographies contribute 25 million cases. Out of India region volumes, two-third are contributed by the north & east regions while one-third is contributed by west & south regions. Going forward, newly acquired territories (south & west would grow faster than north territories
- Volume growth was strong in April but the second Covid-19 wave impacted business in the peak demand month of May with a staggered recovery witnessed in June. Out of the seven months of 2021, the company saw strong growth in five
- Realisation per case improved by 2.8% to ₹ 160.8/case, led by higher realisation in international territories, which was partially offset by contribution of water business. International business margins are higher and currency gains also contributes in margins uptick. Average Indian realisation is ₹160/case while average international realisation is ₹180/case
- CSD constituted 78% of volumes whereas juices & water contributed 7% & 15% volumes, respectively. The company launched 'Mountain Dew ICE' before the season but due to the second wave of Covid-19, the sales traction was below expectations. String has become a core brand and will be a major growth driver
- The management believes there is enough potential in products launched in the last two years and the company would grow these brands before introducing any new products in future
- Gross margins contracted 128 bps due to inferior product mix and increase
 in raw material prices. Other overheads were also increased 67 bps given
 the company took cost cutting measures during national lockdown.
 However, VBL was able to save 222 bps in employee spends to safeguard
 operating margins. The company saved the cost through transportation,
 lower trade discounts & plant consolidation
- High PET resin prices kept the working capital high. However, the company
 was holding low cost PET resin inventories from previous quarters. The
 slow growth in May led to the absorption of only old inventories. Freight
 cost were high during the quarter given goods were transferred from one
 region (lockdown impacted regions) to the other region to safeguard
 product expiry related losses
- Operating profit increased 51% to ₹ 570.8 crore. It was able to maintain its
 operating margins at 23.3% (expansion of 27 bps). PAT increased 123% to
 ₹ 318.8 crore led by 36.9% decline in interest cost with lower cost of debt &
 repayments
- Total debt was at ₹ 2549.2 crore against ₹ 3015.8 crore in the corresponding quarter. The company repaid ₹ 466 crore in H1CY21 while further debt reduction of ₹ 100-200 crore can be done in the remaining part of the year. The organic capex was ₹ 190 crore in India, Morocco and Zimbabwe. Capacity expansion would be equivalent to depreciation
- During the quarter, an amount of ₹ 11.4 crore from the total foreign currency provisions in Zimbabwe was reversed due to corresponding reduction in the total foreign currency liability in Zimbabwe. The total reversal from Zimbabwe would be US\$15 million, which would be realised in quarterly tranches of US\$2-3 million
- Last year, rural regions were growing faster than urban. In the current year, both regions are growing equally well

Exhibit 1: Peer Comp	Exhibit 1: Peer Comparison																		
Sector / Company	CMP	TP		M Cap	Sales	growt	h (%)	EBITD#	\ Margi	ns (%)		P/E(x)		ı	RoE (%)		R	oCE (%))
Sector / Company	(₹)	(₹)	Rating	(₹ Cr)	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E
Nestle (NESIND)	17715	20450	Hold	173556	7.9	11.1	9.4	24.1	24.8	25.1	83.3	72.0	64.4	86.5	87.8	86.3	50.9	54.9	56.4
Tata Consumer (TATGLO)	760	725	Buy	60728	20.39	13.34	8.553	13.31	13.67	14.21	65.27	53.08	45.46	6.416	7.589	8.54	8.016	9.084	10.02
Varun Beverage (VARBEV)	789	950	Buy	34166	-9.5	22.7	14.0	18.6	19.8	20.4	94.4	55.4	40.9	10.3	15.5	17.9	10.9	17.5	22.9
Zydus Wellness (ZYDWEL)	2178	2800	Buy	13537	5.8	13.4	9.6	18.4	19.7	20.7	114.0	36.8	31.2	5.5	7.7	9.0	6.2	7.5	8.7

Source: Company, ICICI Direct Research

Though, Varun Beverage witnessed a strong recovery during the quarter, sales volumes are still below pre-Covid levels given the second wave impacted sales in May and June after the localised and state wise mobility restrictions were announced. Carbonated drinks, juices & water are a few of the worst impacted FMCG categories as most of the sales occur 'on-the-go'. Restriction on restaurants & pubs have also taken a toll on volumes. However, we believe reducing Covid-19 cases & progress in vaccination drive would result in a recovery in the next few quarters while next summer would see normalised volumes. The company is aggressively reducing its debt, which would result in a steep jump in profitability in the next two years. We are positive on the volume recovery and profitability growth. We maintain our BUY recommendation with a target price of ₹ 950/share.

Particulars (₹ crore)	Q1CY21	Q1CY21	YoY (%)	Q4CY21	QoQ (%)	
						Net sales witnessed growth of 49.4% on low base quarter. The
Net Sales	2,449.8	1,640.2	49.4	2,240.9	9.3	company saw strong growth in April but with the second Covid-19 wave, sales in May were adversely impacted
Raw Material Expenses	1,138.3	741.1	53.6	990.2	15.0	Gross margins contracted by 128 bps on account of high PET resin prices
Employee Expenses	243.2	199.3	22.1	238.4	2.0	The company was able to safeguard margins through saving in employee spends by 222 bps
Other operating Expenses	497.5	322.1	54.4	630.7	-21.1	Ovehead spends increased marginally given the company took cost rationalisation measures in base quarter
BITDA	570.8	377.7	51.1	381.6	49.6	
EBITDA Margin (%)	23.3	23.0	27 bps	17.0	627 bps	The company was able to maintain operating margins with cost rationalisation measures
Depreciation	128.8	124.3	3.6	134.7	-4.4	
nterest	46.8	74.2	-36.9	57.9	-19.3	Interest cost was down due to repayment of debt & reduction in interest rates
Other Income	24.4	2.7	816.9	5.7	326.0	
РВТ	419.7	181.9	130.8	194.7	115.5	
Exceptional Items	0.0	0.0		0.0		
Tax Outgo	100.9	38.9	159.4	57.9	74.1	
PAT	318.8	143.0	123.0	136.8	133.1	Net profit grew by 123% to ₹ 318.8 crore
Adj. PAT	318.8	143.0	123.0	136.8	133.1	

Source: Company, ICICI Direct Research

Exhibit 3: 0	Change in	estimates	S					
	CY21E				CY22E			
(₹ Crore)	Old	New	% Change	Old	New	Change	New	Comments
Net Sales	7,915.2	7,915.2	0.0	9,357.7	9,022.0	-3.6	10,113.8	We change our CY22 sales estimates given the company is looking to consolidate existing territories & brands
EBITDA	1,563.6	1,568.3	0.3	1,885.4	1,844.4	-2.2	2,021.0	
EBITDA Margin(%)	19.8	19.8	6 bps	20.1	20.4	30 bps	20.0	We expect better product mix in CY22 given increasing mobility to drive sales of water
PAT	612.6	616.2	0.6	897.3	835.0	-6.9	970.2	
EPS (₹)	14.15	14.23	0.6	20.72	19.28	-6.9	22.4	Due to the impact of second wave, we expect lower debt re- payment & hence higher interest cost. This would impact earnings in CY22

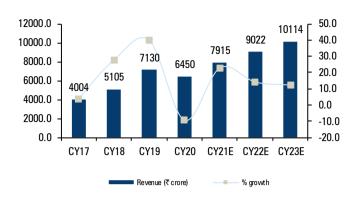
Source: ICICI Direct Research

Exhibit 4: Assumptions										
				Current		Earlier				
Particulars (in million cases)	CY17	CY18	CY19E	CY20E	CY21E	CY22	CY23	CY21E	CY22	Comments
										We change our CY22 estimates given the
Carbonated Products	220.0	257.0	388.1	345.4	421.4	463.5	505.2	421.4	484.6	company would look to consolidate existing territories & brands
% Growth	-1.3	16.8	51.0	-11.0	22.0	10.0	9.0	22.0	15.0	
Non Carbonated Products	14.0	22.0	29.7	22.3	29.0	34.7	41.7	29.0	34.7	
% growth	-11.1	57.1	35.0	-25.0	30.0	20.0	20.0	30.0	20.0	
Raw Material Cost										
Sugar	616.6	698.4	1,086.0	907.9	1,110.3	1,253.0	1,402.9	1,131.6	1,422.5	We change our raw material price estimates according to the prevailing demand-supply scenario
% of sales	13.4	14.2	15.1	14.0	13.7	13.7	13.7	14.0	15.0	
cost/kg (₹)	38.9	37.0	36.6	34.8	36.2	36.9	37.6	36.9	40.2	

Source: ICICI Direct Research

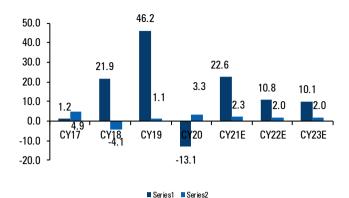
Key Metrics

Exhibit 5: Revenue growth trend (₹ crore)



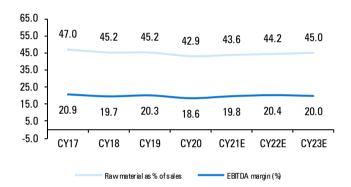
Source: Company, ICICI Direct Research

Exhibit 6: Volume growth to drive growth



Source: Company, ICICI Direct Research

Exhibit 7: Raw material to sales & EBITDA margins (%)



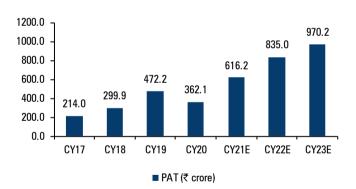
Source: Company, ICICI Direct Research

Exhibit 8: EBITDA (₹ crore) & EBITDA growth (%) trend



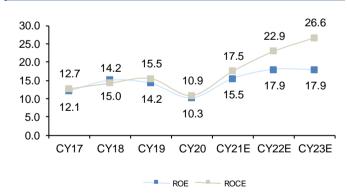
Source: Company, ICICI Direct Research

Exhibit 9: Earnings to grow on low base in CY21E (₹ crore)



Source: Company, ICICI Direct Research

Exhibit 10: Return ratio trend (%)



Source: Company, ICICI Direct Research

	Sales	Growth	EPS	Growth	PE	EV/EBITDA	RoNW	RoCE
	(₹ cr)	(%)	(₹)	(%)	(x)	(x)	(%)	(%)
CY20	6450.1	-9.5	8.4	-48.9	94.4	30.6	10.3	10.9
CY21E	7915.2	22.7	14.2	70.2	55.4	22.8	15.5	17.5
CY22E	9022.0	14.0	19.3	35.5	40.9	18.9	17.9	22.9
CY23E	10113.8	12.1	22.4	16.2	35.2	16.8	17.9	26.6

Source: Company, ICICI Direct Research

Financial Summary

Exhibit 12: Profit and lo	ss statem	ent		₹ crore
	CY20	CY21E	CY22E	CY23E
Total operating Income	6450.1	7915.2	9022.0	10113.8
Growth (%)	-9.5	22.7	14.0	12.1
Raw Material Expenses	2763.9	3450.8	3989.5	4548.5
Employee Expenses	889.7	1029.0	1145.8	1264.2
Marketing Expenses	0.0	121.3	136.8	153.3
Other expenses	1594.6	1745.8	1905.6	2126.8
Total Operating Expenditure	5248.3	6346.8	7177.7	8092.8
EBITDA	1,201.9	1,568.3	1,844.4	2,021.0
Growth (%)	-17.0	30.5	17.6	9.6
Depreciation	528.7	555.5	580.3	605.1
Interest	281.1	249.5	188.2	162.5
Other Income	37.0	40.5	44.6	49.0
PBT	429.0	803.9	1120.5	1302.4
Total Tax	5.2	192.9	291.3	338.6
Minority interest	0.0	0.0	0.0	0.0
Profit from Associates	4.8	5.3	5.8	6.4
PAT	428.6	616.2	835.0	970.2
Growth (%)	-23.3	70.2	35.5	16.2
EPS (₹)	8.4	14.2	19.3	22.4

Source: Company,	ICICI Direct	Research
------------------	--------------	----------

Exhibit 13: Cash flow statem	nent		_ =	₹ crore
(Year-end March)	CY20	CY21E	CY22E	CY23E
Profit After Tax	599.6	860.4	1,017.4	1,126.3
Add: Depreciation	523.2	555.5	580.3	605.1
(Inc)/dec in Current Assets	-98.6	174.7	-199.2	-196.5
Inc/(dec) in CL and Provisions	-12.3	197.0	273.3	270.2
CF from operating activities	1,012.0	1,787.6	1,671.7	1,805.1
(Inc)/dec in Investments	107.4	0.0	0.0	0.0
(Inc)/dec in LT loans & advances	0.0	0.0	0.0	0.0
(Inc)/dec in Fixed Assets	-535.6	-386.1	-429.3	-430.7
Others	8.7	0.0	0.0	0.0
CF from investing activities	-471.1	-386.1	-429.3	-430.7
Issue/(Buy back) of Equity	0.0	0.0	0.0	0.0
Inc/(dec) in loan funds	-470.9	-900.0	-1,000.0	-1,000.0
Dividend paid & dividend tax	-72.2	-154.1	-167.0	-194.0
Others	-277.4	-249.5	-188.2	-162.5
CF from financing activities	-573.7	-1,346.8	-1,332.6	-1,332.8
Net Cash flow	-32.8	54.8	-90.1	41.6
Opening Cash	138.0	104.6	159.3	69.2
Other Bank balance	85.5	85.5	85.5	85.5
Closing Cash	104.6	159.3	69.2	110.7

Source: Company, ICICI Direct Research

Exhibit 14: Balance Sheet									
(Year-end March)	CY20	CY21E	CY22E	CY23E					
Liabilities									
Equity Capital	433.0	433.0	433.0	433.0					
Reserve and Surplus	3091.0	3553.2	4221.1	4997.3					
Total Shareholders funds	3524.0	3986.2	4654.1	5430.3					
LT Borrowings & Provisions	2004.1	1204.1	304.1	-595.9					
Deferred Tax Liability	225.9	237.2	249.1	261.6					
Total Liabilities	6023.4	5642.4	5432.9	5332.8					
Assets									
Gross Block	8,542.5	8,959.4	9,359.4	9,759.4					
Less: Acc Depreciation	2,715.4	3,270.8	3,851.1	4,456.2					
Net Block	5,827.2	5,688.5	5,508.2	5,303.2					
Capital WIP	66.8	50.0	50.0	50.0					
Net Intangible Assets	557.2	585.1	614.3	645.0					
Non-current Investments	0.1	0.1	0.1	0.1					
Goodwill	24.2	24.2	24.2	24.2					
Current Assets									
Inventory	928.8	769.5	877.1	983.3					
Debtors	241.8	197.9	225.6	252.8					
Loans and Advances	10.0	219.9	250.6	280.9					
Other Current Assets	251.8	17.6	20.0	22.5					
Cash	104.6	159.3	69.2	110.7					
Deferred Tax Assests	11.0	11.0	11.0	11.0					
Current Liabilities									
Creditors	511.4	527.7	601.5	674.3					
Provisions	33.2	66.0	75.2	84.3					
Short term debt & other CL	1,886.5	1,933.0	2,017.5	2,099.5					
Application of Funds	6,023.4	5,642.4	5,432.9	5,332.8					

Source: Company, ICICI Direct Research

Exhibit 15: Key ratios				
(Year-end March)	CY20	CY21E	CY22E	CY23E
Per share data (₹)				
EPS	8.4	14.2	19.3	22.4
Cash EPS	20.6	27.1	32.7	36.4
BV	81.4	92.1	107.5	125.4
DPS	1.7	3.6	3.9	4.5
Cash Per Share	62.7	75.5	88.9	102.9
Operating Ratios (%)				
EBITDA Margin	18.6	19.8	20.4	20.0
PBT / Total Operating income	5.6	10.2	12.4	12.9
PAT Margin	5.6	7.8	9.3	9.6
Inventory days	52.6	35.5	35.5	35.5
Debtor days	13.7	9.1	9.1	9.1
Creditor days	28.9	24.3	24.3	24.3
Return Ratios (%)				
RoE	10.3	15.5	17.9	17.9
RoCE	10.9	17.5	22.9	26.6
Valuation Ratios (x)				
P/E	94.4	55.4	40.9	35.2
EV / EBITDA	30.6	22.8	18.9	16.8
EV / Net Sales	5.7	4.5	3.9	3.3
Market Cap / Sales	5.3	4.3	3.8	3.4
Price to Book Value	9.7	8.6	7.3	6.3
Solvency Ratios				
Debt/EBITDA	2.3	1.2	0.4	-0.1
Debt / Equity	0.8	0.5	0.2	0.0
Current Ratio	0.7	0.6	0.6	0.6
Quick Ratio	0.2	0.2	0.2	0.2

Source: Company, ICICI Direct Research

	CMP	TP		M Cap	EPS (₹)		P/E (x)		Price/Sales (x)			RoCE (%)			RoE (%)				
	(₹)	(₹)	Rating	(₹ Cr)	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E	FY21	FY22E	FY23E
Colgate (COLPAL)	1,678	2,000	Buy	46,485	38.1	39.2	42.6	44.1	42.8	39.4	9.7	9.0	8.3	106.4	110.9	111.9	88.8	85.1	85.8
Dabur India (DABIND)	599	620	Buy	94,540	9.6	10.9	12.2	62.5	54.7	49.1	9.9	8.7	7.9	24.5	26.5	27.1	22.1	22.9	23.2
Hindustan Unilever (HINLEV)	2,333	2,750	Buy	558,687	33.9	40.5	45.0	68.9	57.6	51.8	12.3	10.6	9.9	18.9	25.6	27.7	17.1	20.0	21.6
ITC Limited (ITC)	207	240	Hold	261,086	10.7	12.0	13.5	19.3	17.3	15.4	5.4	5.0	4.6	28.2	31.3	33.6	22.1	24.2	25.9
Jyothy Lab (JYOLAB)	171	180	Hold	6,389	5.2	5.7	6.5	33.0	30.0	26.4	3.4	3.1	2.8	26.0	27.1	31.1	20.4	22.7	26.2
Marico (MARLIM)	536	630	Buy	70,503	9.3	10.4	11.5	57.6	51.7	46.5	8.8	7.6	7.0	39.6	42.8	46.6	36.3	38.4	40.4
Nestle (NESIND)	17,715	20,450	Hold	173,556	216.0	249.9	279.6	82.0	70.9	63.4	13.1	11.8	10.7	50.9	54.9	56.4	86.5	87.8	86.3
Tata Consumer Products (TAT	760	725	Buy	60,728	10.1	12.4	14.5	75.2	61.2	52.4	5.2	4.6	4.3	8.0	9.1	10.0	6.4	7.6	8.5
VST Industries (VSTIND)	3,349	3,850	Hold	5,384	201.3	214.6	231.1	16.6	15.6	14.5	4.9	4.4	4.1	43.4	45.0	48.2	33.0	33.4	36.0
Varun Beverage (VARBEV)	789	950	Buy	34,166	8.4	14.2	19.3	94.4	55.4	40.9	5.3	4.3	3.8	10.9	17.5	22.9	10.3	15.5	17.9
Zydus Wellness (ZYDWEL)	2,178	2,800	Buy	13,537	18.7	57.8	68.3	116.7	37.7	31.9	7.3	6.4	5.8	6.2	7.5	8.7	5.5	7.7	9.0

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

pankaj.pandey@icicisecurities.com

ICICI Direct Research Desk, ICICI Securities Limited, 1st Floor, Akruti Trade Centre, Road No 7, MIDC, Andheri (East) Mumbai – 400 093 research@icicidirect.com

ANALYST CERTIFICATION

I/We, Sanjay Manyal (MBA Finance) 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. 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 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 endeavor 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 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 beneficial ownership 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.