**RESULT REPORT Q1 FY25** | Sector: Consumer Durables

# Johnson Controls-Hitachi Air Conditioning

# Strong revenue, margin disappoints; downgrade to SELL

### **Result Synopsis**

JCHAC has delivered superlative performance with significant beat on the revenue front. Revenue grew 75.6% yoy albeit on low base, however growth was ahead of our estimates by 25% respectively. Gross margin has seen marginal expansion of 44bps yoy, however on sequential basis it has contracted by 506bps. EBITDA margin at 5.7% has also contracted by 487bps on sequential basis. EBITDA at Rs566mn has been lower than estimates as EBITDA margin has been low despite the strong revenue growth that company has reported. Our channel checks suggest JCHAC has managed to stem its market loss and is getting aggressive with change in top management. Our channel checks suggest JCHAC's sales force is back on the field and have been aggressively pushing for volumes to its dealers and distributors. We feel change in strategy will take time to give the desired result and company will have to continuously monitor it to be successful. This has been the second quarter of turnaround performance after many quarters of disappointments, we feel tangible benefits of the new strategy from 2HFY25. We believe the getting aggressive will arguer well for the company as it will be playing to its strength where it can provide quality and give more value to its consumers at the premium end. We downgrade the stock to SELL with PT of Rs1,774 valuing of 35x FY26EPS as there has been significant appreciation in stock price in past 3 months and stock price will be more of the function of the news flow regarding Bosch group taking over JCHAC. The open offer price of Rs1,642 to acquire 25.75% is lower than our target price.

JCHAC has seen significant erosion of its market share, its market share has halved in FY24, however with its strong performance in Q4 and follow up performance in Q1FY25, make us believe it would have regained some of its lost market share. However, there is a very long way to go before company regains its top 5 status in the RAC market which it had 4 years back with market share of 7.5%. we downgrade the stock to SELL as stock price has seen significant appreciation in recent past.

### **Result Highlights**

- Quarter summary JCHAC has registered strong performance with revenue coming higher than ours and consensus estimates by growing at 76% yoy. JCHAC has managed to beat our revenue estimates by 26%.
- Margins Gross margin has marginally improved on yoy basis, while on sequential basis
  it has contracted by 506bps. EBITDA margin at 5.7% has been lower given the strong
  revenue growth. Gross margins ahs dragged EBITDA margin.
- Market share Company after losing significant market share in FY24, has managed to stem its market share loss, and would have slightly increased its market share from lower levels.
- Market Buzz As per our channel checks, JCHAC has again become aggressive, and its
  sales force has been pushing volumes across the dealers and distributors and taking
  feedback about the product which was absent for past couple of years resulting in
  market share loss.

**Exhibit 1: Actual vs estimates** 

		Estimate		% Va	ariation		
Rs mn	Actual	YES Sec	Consensus	YES Sec	Consensus	Remarks	
Sales	9,960	7,929	NA	25.6	NA		
EBITDA	566	898	NA	-37	NA	JCHAC has	
EBITDA Margin (%)	5.7	11.3	NA	-560 bps	NA bps	delivered strong growth indicating market share gains	
Adjusted PAT	362	556	NA	-35.0	NA	market snare gams	

Source: Company, YES Sec



Reco	:	SELL
СМР	:	Rs 2,178
Target Price	:	Rs 1,774
Potential Return	:	-18.5%

#### Stock data (as on Jul 30, 2024)

Nifty	24857
52 Week h/I (Rs)	2269/938
Market cap (Rs/USD mn)	59865/715
Outstanding Shares (mn)	27
6m Avg t/o (Rs mn):	122
Div yield (%):	NA
Bloomberg code:	JCHAC IN
NSE code:	JCHAC

### Stock performance



### Shareholding pattern (As of Mar'24 end)

Promoter	74.3%
FII+DII	9.2%
Others	16.5%

### $\Delta$ in stance

(1-Yr)	New	Old
Rating	SELL	BUY
Target Price	1,774	1,559

### $\Delta$ in earnings estimates

	FY25e	FY26e
EPS (New)	30.0	50.7
EPS (Old)	22.9	44.5
% change	31.0%	13.9%

### **Financial Summary**

(Rs mn)         FY24E         FY25E         FY26E           Revenue         19,187         27,136         31,236           YoY Growth         -19.5%         41.4%         15.1%           EBIDTA         -13         1,628         2,249           YoY Growth         -93.1         -12624.4         38.1           PAT         -757         816         1,378           YoY Growth         -7.8%         -207.8%         68.9%           ROE         -7.9         13.1         18.8           EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1           EV/EBITDA         -4500.1         35.7         25.3				
YoY Growth         -19.5%         41.4%         15.1%           EBIDTA         -13         1,628         2,249           YoY Growth         -93.1         -12624.4         38.1           PAT         -757         816         1,378           YoY Growth         -7.8%         -207.8%         68.9%           ROE         -7.9         13.1         18.8           EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1	(Rs mn)	FY24E	FY25E	FY26E
EBIDTA         -13         1,628         2,249           YoY Growth         -93.1         -12624.4         38.1           PAT         -757         816         1,378           YoY Growth         -7.8%         -207.8%         68.9%           ROE         -7.9         13.1         18.8           EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1	Revenue	19,187	27,136	31,236
YoY Growth         -93.1         -12624.4         38.1           PAT         -757         816         1,378           YoY Growth         -7.8%         -207.8%         68.9%           ROE         -7.9         13.1         18.8           EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1	YoY Growth	-19.5%	41.4%	15.1%
PAT -757 816 1,378 YoY Growth -7.8% -207.8% 68.9% ROE -7.9 13.1 18.8 EPS -8.1 30.0 50.7 P/E -268.8 72.6 43.0 BV 214.4 244.4 295.1	EBIDTA	-13	1,628	2,249
YoY Growth         -7.8%         -207.8%         68.9%           ROE         -7.9         13.1         18.8           EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1	YoY Growth	-93.1	-12624.4	38.1
ROE -7.9 13.1 18.8 EPS -8.1 30.0 50.7 P/E -268.8 72.6 43.0 BV 214.4 244.4 295.1	PAT	-757	816	1,378
EPS         -8.1         30.0         50.7           P/E         -268.8         72.6         43.0           BV         214.4         244.4         295.1	YoY Growth	-7.8%	-207.8%	68.9%
P/E -268.8 72.6 43.0 BV 214.4 244.4 295.1	ROE	-7.9	13.1	18.8
BV 214.4 244.4 295.1	EPS	-8.1	30.0	50.7
	P/E	-268.8	72.6	43.0
EV/EBITDA -4500.1 35.7 25.3	BV	214.4	244.4	295.1
	EV/EBITDA	-4500.1	35.7	25.3

AAKASH FADIA Analyst aakash.fadia@ysil.in





**Exhibit 2: Quarterly snapshot (Standalone)** 

Particulars (Rs mn)	Q1FY24	Q2FY24	Q3FY24	Q4FY24	Q1FY25	y/y %	q/q %	FY24	FY23	y/y %
Sales	5,672	2,802	2,996	7,718	9,960	75.6	29.0	19,187.0	23,844.4	(19.5)
EBITDA	-360	-436	-32	814	566	-257.2	-30.5	-13.1	-188.3	(93.0)
EBITDA Margin %	-6.3	-15.6	-1.1	10.5	5.7			-0.1	-0.8	
Depreciation	164.0	158.0	165.3	156.2	165.7	1.0	6.1	643.5	752.6	(14.5)
EBIT	-524	-594	-197	658	400	-176.4	-39.2	-656.6	-940.9	(30.2)
EBIT Margin %	-9.2	-21.2	-6.6	8.5	4.0			-3.4	-3.9	
Interest charges	46	51	50	19	15	-67.5	-22.8	166.3	75.2	121.1
Other Income	28.7	19.3	23.5	29.8	105.5	267.6	254.0	101.3	119.8	(15.4)
PBT	-541	-747	-353	651	491	-190.7	-24.6	-990.1	-1,051.9	(5.9)
Tax	-130.8	-183.0	-81.6	162.5	129.1	-198.7	-20.6	-232.9	-230.4	1.1
Effective Tax Rate (%)	24.2	24.5	23.1	25.0	26.3			23.5	21.9	
PAT	-410	-564	-271	488	362	-188.1	-25.9	-757.2	-821.5	(7.8)
PAT Margin %	-7.2	-20.1	-9.0	6.3	3.6			-3.9	-3.4	
EPS (Rs)	-15.1	-20.7	-10.0	18.0	13.3	-188.1	-25.9	-27.8	-30.2	(7.8)

Source: Company, YES Sec

**Exhibit 3: Segmental Performance** 

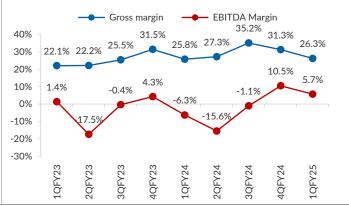
Rs mn	Q1FY24	Q2FY24	Q3FY24	Q4FY24	Q1FY25	у/у %	q/q %	FY24	FY23	y/y %
Cooling Products for comfort and commercial use	5,560	2,654	2,872	7,604	9,823	76.7	29.2	18,690	23,399	(20.1)
Design and Development Services	207	226	172	178	211	1.9	18.8	783	722	8.5
Less: Intersegment	96	78	49	63	75	(22.1)	17.7	286	276	3.6
Total Sales	5,672	2,802	2,996	7,718	9,960	75.6	29.0	19,187	23,844	(19.5)
Segment Results										
Cooling products for comfort and commercial use	-517	-603	-197	663	473	(191.4)	(28.6)	-655	-908	(27.9)
Design and Development Services	22.3	28.5	24.0	24.8	32.5	45.7	31.0	100	87	14.9
Less: Finance costs	45.9	51.2	49.9	19.3	14.9	(67.5)	(22.8)	166	75	120.8
Less: Exceptional items	0.0	121.3	129.5	17.7	0.0	NM!	(100.0)	269	156	72.6
Total PBT	-541	-747	-353	651	491	(190.7)	(24.6)	-990	-1,052	(5.9)
PBIT Margins (%)						(bps)	(bps)			(bps)
Cooling Products for comfort and commercial use	-9.3%	-22.7%	-6.9%	8.7%	4.8%	1,412	(390)	(3.5)	(3.9)	38
Design and Development Services	10.8%	12.6%	13.9%	13.9%	15.4%	462	144	12.7	12.0	70
Total PBT	-9.5%	-26.7%	-11.8%	8.4%	4.9%	1,446	(350)	(5.2)	(4.4)	(75)

Source: Company, YES Sec

Exhibit 4: Revenue growth was aided by favorable base

Exhibit 5: EBITDA margin has seen sharp improvement



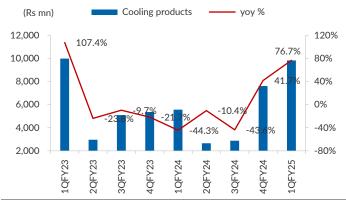


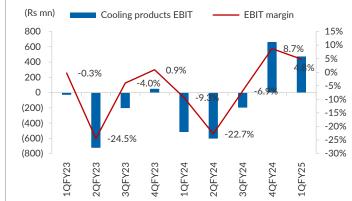
Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 6: RAC performance has seen significant improvement

Exhibit 7: EBIT margin has come off sharply or sequential basis



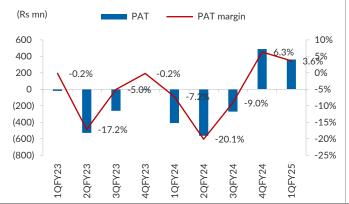


Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 8: PAT growth has been lower than estimated

Exhibit 9: Working capital has come down sharply





Source: Company, YES Sec

Source: Company, YES Sec



### **FINANCIALS**

**Exhibit 10: Balance Sheet** 

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY2^E
Equity capital	272	272	272	272	272
Reserves	7,127	6,320	5,558	6,374	7,752
Net worth	7,399	6,592	5,830	6,646	8,024
Debt	430	1,430	0	0	0
Deferred tax liab (net)	0	0	0	0	0
Other non current liabilities	1,232	1,251	1,060	1,356	1,509
Total liabilities	9,060	9,273	6,890	8,002	9,533
Fixed Asset	3,376	3,501	3,377	3,414	3,398
Investments	9	9	9	9	9
Other Non-current Assets	1,407	1,387	1,559	1,657	1,682
Net Working Capital	3,964	4,157	1,227	1,795	2,087
Inventories	8,218	8,686	6,561	9,279	10,680
Sundry debtors	4,113	3,212	3,788	5,358	6,167
Loans and Advances	12	9	5	12	13
Sundry creditors	7,210	7,087	7,890	11,159	12,845
Other current liabilities	1,496	1,330	1,432	1,969	2,246
Cash & equivalents	305	220	718	1,127	2,358
Total Assets	9,060	9,273	6,890	8,002	9,533

Source: Company, YES Sec

**Exhibit 11: Income statement** 

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Revenue	21,590	23,844	19,187	27,136	31,236
Operating profit	965	(188)	(13)	1,628	2,249
Depreciation	722	753	644	712	780
Interest expense	91	75	166	150	135
Other income	81	120	101	324	508
Profit before tax	232	(896)	(722)	1,090	1,842
Taxes	65	(231)	(233)	274	464
Minorities and other	-	-	-	-	-
Adj. profit	168	(666)	(489)	816	1,378
Exceptional items	(7)	(156)	(268)	-	-
Net profit	175	(510)	(220)	816	1,378

Source: Company, YES Sec



**Exhibit 12: Cashflow Statement** 

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Profit before tax	323	(821)	(555)	1,240	1,977
Depreciation	722	753	644	712	780
Tax paid	(65)	231	233	(274)	(464)
Working capital $\Delta$	(1,572)	(193)	2,930	(568)	(291)
Other operating items					
Operating cashflow	(591)	(31)	3,251	1,109	2,002
Capital expenditure	(565)	(877)	(520)	(749)	(764)
Free cash flow	(1,156)	(909)	2,732	360	1,238
Equity raised	8	(297)	(542)	-	-
Investments	2	0	0	-	-
Debt financing/disposal	430	1,000	(1,430)	-	-
Interest paid	(91)	(75)	(166)	(150)	(135)
Dividends paid	-	-	-	-	-
Net $\Delta$ in cash	(913)	(85)	498	409	1,231

Source: Company, YES Sec

**Exhibit 13: Du-pont analysis** 

Y/e 31 Mar (Rs mn)	FY22	FY23	FY24	FY25E	FY26E
Tax burden (x)	0.72	0.74	0.68	0.75	0.75
Interest burden (x)	0.72	1.09	1.30	0.88	0.93
EBIT margin (x)	0.01	(0.03)	(0.03)	0.05	0.06
Asset turnover (x)	1.26	1.33	1.11	1.42	1.33
Financial leverage (x)	2.35	2.56	2.77	3.06	3.19
RoE (%)	2.3	(9.5)	(7.9)	13.1	18.8

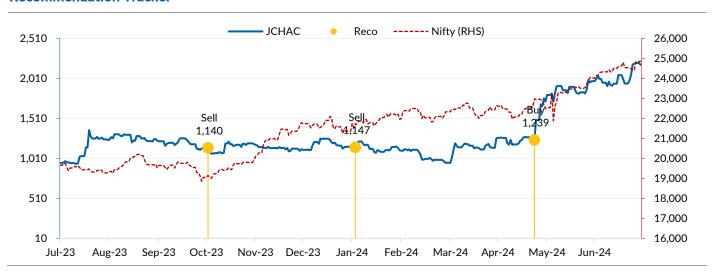
### **Exhibit 14: Ratio analysis**

Y/e 31 Mar	FY22	FY23	FY24	FY25E	FY26E
Growth matrix (%)					
Revenue growth	31.1	10.4	(19.5)	41.4	15.1
Op profit growth	(17.8)	(119.5)	(93.1)	NM	38.1
EBIT growth	(35.1)	(353.8)	(32.4)	(323.4)	59.4
Net profit growth	(35.5)	(497.3)	(26.6)	(267.0)	68.9
Profitability ratios (%)					
OPM	4.5	(0.8)	(0.1)	6.0	7.2
EBIT margin	1.5	(3.4)	(2.9)	4.6	6.3
Net profit margin	0.8	(2.8)	(2.5)	3.0	4.4
RoCE	4.3	(10.4)	(8.0)	19.9	26.9
RoNW	2.3	(9.5)	(7.9)	13.1	18.8



Y/e 31 Mar	FY22	FY23	FY24	FY25E	FY26E
RoA	1.0	(3.7)	(2.8)	4.3	5.9
Per share ratios					
EPS	6.4	(18.8)	(8.1)	30.0	50.7
Dividend per share	-	-	-	-	-
Cash EPS	32.7	3.2	5.7	56.2	79.4
Book value per share	272.1	242.4	214.4	244.4	295.1
Valuation ratios					
P/E	6.4	(18.8)	(8.1)	30.0	50.7
P/CEPS	-	-	-	-	-
P/B	32.7	3.2	5.7	56.2	79.4
EV/EBIDTA	272.1	242.4	214.4	244.4	295.1
Payout (%)					
Dividend payout	-	-	-	-	-
Tax payout	27.8	25.7	32.3	25.2	25.2
Liquidity ratios					
Debtor days	69.5	49.2	72.1	72.1	72.1
Inventory days	138.9	133.0	124.8	124.8	124.8
Creditor days	121.9	108.5	150.1	150.1	150.1

### **Recommendation Tracker**





#### STANDARD DISCLAIMER:

YES Securities (India) Limited, Registered Address: 2<sup>nd</sup> Floor, North Side, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai - 400055. Maharashtra, India | Correspondence Add: 7<sup>th</sup> Floor, Urmi Estate Tower A, Ganpatrao Kadam Marg, Opp. Peninsula Business Park, Lower Parel (West), Mumbai - 400 013, Maharashtra, India. | Website: www.yesinvest.in | Email: customer.service@ysil.in

Registration Nos.: CIN: U74992MH2013PLC240971 | SEBI Registration No.: NSE, BSE, MCX & NCDEX : INZ000185632 | Member Code: BSE - 6538, NSE - 14914, MCX - 56355 & NCDEX - 1289 | CDSL & NSDL: IN-DP-653-2021 | RESEARCH ANALYST: INH000002376 | INVESTMENT ADVISER: INA000007331 | Sponsor and Investment Manager to YSL Alternates Alpha Plus Fund (Cat III AIF) and YES Wealth Maximiser AIF (Cat III AIF) SEBI Registration No.: IN/AIF3/20- 21/0818 | AMFI ARN Code - 94338

Details of Compliance Officer: Aditya Goenka | Email: compliance@ysil.in / Contact No.: 022-65078127 | Grievances Redressal Cell: customer.service@ysil.in / igc@ysil.in

Standard Disclaimer: Investment in securities market are subject to market risks; read all the related documents carefully before investing. Above representation provides an overview related to our past performance neither does it provide any guarantee of future performance, nor we are ensuring any guaranteed returns. Actual Client returns may vary depending upon time premium, volatility Index, intrinsic value of the script, open interest, other geopolitical conditions and choice of the customer to execute the recommendation in full or part. All recommendations are published under Research Analyst License of YES Securities (India) Limited (YSIL); execution of the recommendation is at complete discretion of customer without any intervention by the research publisher.

Contents which are exclusively for Non-Broking Products/Services e.g. Mutual Fund, Mutual Fund-SIP, Research reports, Insurance, etc. where the YSIL is just a distributor. These are not Exchange traded product and the YSIL is just acting as distributor. Kindly note that all disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

YSIL is a wholly owned subsidiary of YES Bank Limited. Savings, Current, PIS and Demat Account are offered by YES Bank Limited. Please note Brokerage would not exceed the SEBI prescribed limit. YSIL also acts in the capacity of distributor for Products such as IPOs, Mutual Funds, Mutual Fund-SIPs, NCD/Bonds, etc., All disputes with respect to the distribution activity, would not have access to Exchange investor redressal forum or Arbitration mechanism.

Margin Trading Funding (MTF) is an exchange approved product offered to YSIL trading account holders, as per the regulation and guideline of SEBI Circular: CIR/MRD/DP/54/2017 dated June 13, 2017. For product specification, T&C, rights and obligations statement issued by the YSIL visit https://yesinvest.in/standard\_documents\_policies

### DISCLAIMER

Investments in securities market are subject to market risks, read all the related documents carefully before investing.

The information and opinions in this report have been prepared by YSIL and are subject to change without any notice. The report and information contained herein are strictly confidential and meant solely for the intended recipient and may not be altered in any way, transmitted to, copied or redistributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of YSIL.

The information and opinions contained in the research report have been compiled or arrived at from sources believed to be reliable and have not been independently verified and no guarantee, representation of warranty, express or implied, is made as to their accuracy, completeness, authenticity or validity. No information or opinions expressed constitute an offer, or an invitation to make an offer, to buy or sell any securities or any derivative instruments related to such securities. Investments in securities are subject to market risk. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. Investors should note that Price of each of the securities or value may rise or fall and, accordingly, investors may even receive amounts which are less than originally invested. The investor is advised to take into consideration all risk factors including their own financial condition, suitability to risk return profile and the like, and take independent professional and/or tax advice before investing. Opinions expressed are our current opinions as of the date appearing on this report. Investor should understand that statements regarding future prospects may not materialize and are of general nature which may not be specifically suitable to any particular investor. Past performance may not necessarily be an indicator of future performance. Actual results may differ materially from those set forth in projections. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. YES Securities (India) Limited conforms with the rules and regulations enumerated in the Securities and Exchange Board of India (Research Analysts) Regulations, 2014 as amended from time to time.

Technical analysis reports focus on studying the price movement and trading turnover charts of securities or its derivatives, as opposed to focussing on a company's fundamentals and opinions, as such, may not match with reports published on a company's fundamentals.

YSIL, its research analysts, directors, officers, employees and associates accept no liabilities for any loss or damage of any kind arising out of the use of this report. 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 YSIL and associates 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.



YES Securities (India) Limited distributes research and engages in other approved or allowable activities with respect to U.S. Institutional Investors through Rule 15a-6 under the Securities Exchange Act of 1934 (the "Exchange Act")<sup>[1]</sup> and regulations under an exclusive chaperone arrangement with Brasil Plural Securities LLC. The views and sentiments expressed in this research report and any findings thereof accurately reflect YES Securities (India) Limited analyst's truthful views about the subject securities and or issuers discussed herein. YES Securities (India) Limited is not registered as a broker-dealer under the Securities Exchange Act of 1934, as amended (the "Exchange Act") and is not a member of the Securities Investor Protection Corporation ("SIPC"). Brasil Plural Securities LLC is registered as a broker-dealer under the Exchange Act and is a member of SIPC. For questions or additional information, please contact Gil Aikins (gil.aikins@brasilplural.com) or call +1 212 388 5600.

This research report is the product of YES Securities (India) Limited. YES Securities (India) Limited is the employer of the research analyst(s), the authors of this research report. YES Securities (India) Limited is the concerned representatives (employees) of YES Securities (India) Limited, are responsible for the content of this research report including but not limited to any material conflict of interest of YES Securities (India) Limited in relation the issuer(s) or securities as listed in this research report. This YES Securities (India) Limited research report is distributed in the United States through Brasil Plural Securities LLC (BPS). The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and is/ are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. As per SEC Rule 15a-6, the U.S. broker-dealer must accompany any third party research report it distributes with, or provide a web address that directs a recipient to, disclosure of any material conflict of interest that can reasonably be expected to have influenced the choice of a third-party research report provider or the subject company of a third-party research.

FINRA Rules 2241 and 2242, which govern the conduct of research analysts and the content of equity and debt research reports, respectively, apply to all research distributed by a FINRA member firm, including research prepared by a foreign broker-dealer under Rule 15a-6.

- Research reports prepared by a foreign broker-dealer and distributed by a U.S. broker-dealer are deemed to be third party
  research reports, as reports produced by a person other than a FINRA member.
- Prior to distributing any third party research, a U.S. broker-dealer must assure that such report contains the required disclosures under FINRA Rule 2241(h) or 2242(g)(3), as applicable.

This report is intended for distribution by YES Securities (India) Limited only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). As per Rule 15a-6(b)(4) of the Exchange Act, 1934, "Major U.S. institutional investor" means a U.S. institutional investor with assets, or assets under management, in excess of US\$100 million, or a registered investment adviser with assets under management in excess of US\$100 million. If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person or entity. Transactions in securities discussed in this research report should be effected through Brasil Plural Securities LLC (BPS) or another U.S. registered broker dealer/Entity as informed by YES Securities (India) Limited from time to time.

In adopting Rule 15a-6, the SEC sought "to facilitate access to foreign markets by U.S. institutional investors through foreign broker-dealers and the research that they provide, consistent with maintaining the safeguards afforded by broker-dealer registration." [Rule 15a-6 Adopting Release at 54 FR 30013; see also Registration Requirements for Foreign Broker-Dealers, Exchange Act Release No. 25801 (June 14, 1988), 53 FR 23645 (June 23, 1988)].

Rule 15a-6 under the Securities Exchange Act of 1934 provides conditional exemptions from broker-dealer registration for foreign broker-dealers that engage in certain specified activities involving U.S. investors. These activities include:

<sup>(</sup>a) Effecting unsolicited securities transactions;

<sup>(</sup>b) Providing research reports to major U.S. institutional investors, and effecting transactions in the subject securities with or for those investors;

<sup>(</sup>c) Soliciting and effecting transactions with or for U.S. institutional investors or major U.S. institutional investors through a "chaperoning broker-dealer"; and

<sup>(</sup>d) Soliciting and effecting transactions with or for registered broker-dealers, banks3 acting in a broker or dealer capacity, certain international organizations, foreign persons temporarily present in the U.S., U.S. citizens resident abroad, and foreign branches and agencies of U.S. persons.



#### **DISCLOSURE OF INTEREST**

Name of the Research Analyst: Aakash Fadia

The analyst hereby certifies that opinion expressed in this research report accurately reflect his or her personal opinion about the subject securities and no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendation and opinion expressed in this research report.

Sr. No.	Particulars	Yes/No
1	Research Analyst or his/her relative's or YSIL's financial interest in the subject company(ies)	No
2	Research Analyst or his/her relative or YSIL's actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of the research report	No
3	Research Analyst or his/her relative or YSIL has any other material conflict of interest at the time of publication of the research report	No
4	Research Analyst has served as an officer, director or employee of the subject company(ies)	No
5	YSIL has received any compensation from the subject company in the past twelve months	No
6	YSIL has received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
7	YSIL has received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
8	YSIL has received any compensation or other benefits from the subject company or third party in connection with the research report	No
9	YSIL has managed or co-managed public offering of securities for the subject company in the past twelve months	No
10	Research Analyst or YSIL has been engaged in market making activity for the subject company(ies)	No

Since YSIL and its associates are engaged in various businesses in the financial services industry, they may have financial interest or may have received compensation for investment banking or merchant banking or brokerage services or for any other product or services of whatsoever nature from the subject company(ies) in the past twelve months or associates of YSIL may have managed or co-managed public offering of securities in the past twelve months of the subject company(ies) whose securities are discussed herein.

Associates of YSIL may have actual/beneficial ownership of 1% or more and/or other material conflict of interest in the securities discussed herein.

### RECOMMENDATION PARAMETERS FOR FUNDAMENTAL REPORTS

Analysts assign ratings to the stocks according to the expected upside/downside relative to the current market price and the estimated target price. Depending on the expected returns, the recommendations are categorized as mentioned below. The performance horizon is 12 to 18 months unless specified and the target price is defined as the analysts' valuation for a stock. No benchmark is applicable to the ratings mentioned in this report.

BUY: Upside greater than 20% over 12 months

ADD: Upside between 10% to 20% over 12 months

**NEUTRAL:** Upside between 0% to 10% over 12 months

REDUCE: Downside between 0% to -10% over 12 months

SELL: Downside greater than -10% over 12 months

NOT RATED / UNDER REVIEW



### **ABOUT YES SECURITIES (INDIA) LIMITED**

YES Securities (India) Limited ("YSIL") is a wholly owned subsidiary of YES BANK LIMITED. YSIL is a Securities and Exchange Board of India (SEBI) registered Stock broker holding membership of National Stock Exchange (NSE), Bombay Stock Exchange (BSE), Multi Commodity Exchange (MCX) & National Commodity & Derivatives Exchange (NCDEX). YSIL is also a SEBI-registered Category I Merchant Banker, Investment Adviser and Research Analyst. YSIL is also a Sponsor and Investment Manager of Alternate Investment Fund - Category III (YSIL Alternates) and AMFI registered Mutual Fund Distributor. The Company is also a registered Depository Participant with CDSL and NSDL. YSIL offers, inter alia, trading/investment in equity and other financial products along with various value added services. We hereby declare that there are no disciplinary actions taken against YSIL by SEBI/Stock Exchanges.