INITIATING & RESULT REPORT Q4 FY24 | Sector: Building Materials

APL Apollo Tubes Ltd

An ideal proxy to strong construction demand

We initiate coverage on APL Apollo Tubes Ltd (APL) with a BUY rating on the following conviction (i) company's substantial ~55% market share in the buoyant structural steel tubes industry (HRC Coil based), (ii) growth boost from new capacities, (iii) higher share of value-added products, (iv) remarkable product innovation & growing industry applications (v) healthy FCF generation & superior return ratios.

Indian structural steel tubes (SST) industry set to clock 12% CAGR: Given robust realestate development in both residential & commercial space, and massive works in infrastructure across India, the SST industry is expected to grow by 12%CAGR over 2023-2030E. Housing/Commercial buildings/Infra constitute 63%/19%/13% of overall SST application. Incrementally, with newer applications in commercial spaces likes hospitals & schools, railways, airports, and industrial uses, SST usage is likely to expand materially. Consequently, SST as % of total steel production is expected to increase from 6% to 8% over 2023-2030E.

APL commands ~55% market share in SST (HRC based): The company has maintained its dominant position in SST industry over the years. APL's market share (HRC based structural steel tubes) has expanded from 18% in FY19 to 55% in FY24 on account of constant product innovation and being the market creator for new products & new applications. The number-2 manufacturer has a market share of ~10-12%, reflecting APLs dominance in SST industry. Going forward, strong tailwinds for SST industry are likely to make APL the biggest sector beneficiary.

New capacities to fast-track growth: APL tubes have added 1.2Mn Te capacity from FY21 to FY24 to reach a total capacity of 3.8Mn Te, and the same is expected to stand at 5Mn Te by FY25E. Owing to strong growth across housing & infra segment, we reckon volumes to grow by stellar 20%CAGR over FY24-FY26E. Incrementally, with ramp-up of Raipur (1Mn Te capacity operated at 55% utilization) & Dubai plant, we expect the growth trajectory to accelerate. Though H1FY25E is likely to be sluggish, we expect demand to revive sharply from H2FY25E following resumption of infra spends & higher construction activities. Moreover, with higher steel prices & better product mix, we reckon ASP to increase by 3%CAGR over FY24-FY26E which should ensure a robust revenue growth of 23% over the same span. Company's aim is to grow volumes by 25%CAGR over next 2-3 years.

HRC price rise and better product mix to boost EBITDA/Te: Steel prices are recovering on the back of strong Indian demand projected from the construction and infrastructure sector. Additionally, raw materials prices are expected to remain elevated as both the iron ore and coking coal are in short supply, which should lead to higher HRC prices. Moreover, share of Value-added products has grown from 42% in FY19 to 58% in FY24 and APL is focused on expanding this share in the future as well, which is showcased in their capex plan (a mere 10% of incremental capacity is earmarked for General products & rest for Value-added products). Consequently, we expect EBITDA/Te to improve from Rs4,554 in FY24 to Rs5,204 in FY26E. Overall EBITDA is expected to grow by 28%CAGR over FY24-FY26E. Management is confident of achieving an EBITDA/Te of Rs5,500 in coming 2 years.

Healthy FCF generation & superior return ratios imminent: Owing to cash & carry model adopted by APL and given the company's bargaining power in supplier negotiation, minimal capital is blocked in working capital. Hence, despite the Rs6Bn capex lined up for next 2 years, we reckon strong FCF generation of Rs18Bn over FY24-FY26E. Further, ROE/ROCE is likely to expand from 22.2%/26.1% in FY24 to 26.4%/31.6% by FY26E, respectively.

Premium multiples to sustain going forward: We expect Revenue/EBITDA/PAT growth of 23%/28%/34%, respectively over FY24-FY26E. Historically APL tubes has traded at a premium multiple of P/E(x) of 40x (avg 1-year forward multiple), since FY21. At CMP, the stock trades at P/E(x) of 44x/31x on FY25E/FY26E EPS of Rs33.2/Rs47.4, respectively. We initiate coverage on APL Apollo Tubes Ltd with a BUY rating, having valued the company at P/E(x) of 40x on FY26E EPS, for a target price of Rs 1,895, which marks an upside of 29% from CMP.



Recommendation : **BUY**CMP : Rs 1,473

Target Price : Rs 1,895

Potential Return : +28.7%

Stock data (as on Jun 05, 2024)

Nifty	22,620
52 Week h/I (Rs)	1,800 / 1,141
Market cap (Rs/USD mn)	398,109 / 4,773
Outstanding Shares (mn)	278
6m Avg t/o (Rs mn):	1,404
Div yield (%):	0.3
Bloomberg code:	APAT IN
NSE code:	APLAPOLLO

Stock performance



Shareholding pattern (As of Mar'24 end)

Promoter	29.4%
FII+DII	44.8%
Others	25.8%

Financial Summary

	,		
(Rs Mn)	FY24	FY25E	FY26E
Revenues	181,188	214,388	275,511
YoY growth	12.1%	18.3%	28.5%
EBITDA	11,922	14,613	19,584
YoY growth	6.6%	6.8%	7.1%
PAT	7,324	9,216	13,151
YoY growth	14.1%	25.8%	42.7%
ROE	22.2%	23.1%	26.4%
EPS	26.4	33.2	47.4
P/E	60.2	44.4	31.1
BV/Share	129.9	158.1	200.5
P/BV	12.2	9.3	7.3

UDIT GAJIWALA Lead Analyst

udit.gajiwala@ysil.in



SHALIN DAMANI, Associate



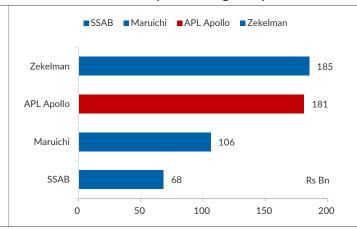
STORY IN CHARTS

■ Player8

Exhibit 1: Dominant share of 55% in SST...

■ APL Tubes ■ Player2 ■ Player3 ■ Player4 Player5 ■ Player6 ■ Player7

Exhibit 2: Revenue comparison Vs global peers...



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 3: Largest capacity globally...

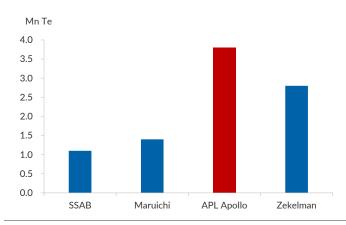


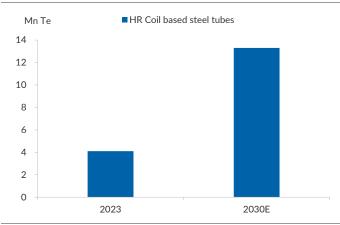
Exhibit 4: SST % of steel production to expand to 8%...



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 5: Expect 18%CAGR growth...



Source: Company, YES Sec

Exhibit 6: India has lowest SST usage Vs global average...

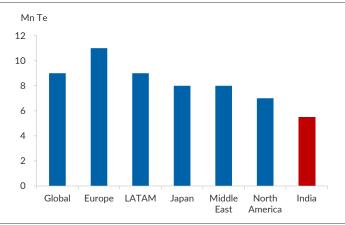




Exhibit 7: Market creator

Conventional Construction Products	Applications	Why Structural Steel Tube replaces these products?	н	ow to replace the conventional products??
Steel Angle/Channels	Structural support, Towers infrastructure	Uniform Strength, Lower steel consumption		
Wood	Furniture, Door Frames, Planks	Cost Effective, Termite Proof, Environmental Friendly		Low Diameter Steel Tubes/Low Load Bearing
Aluminum Profiles	Facades & Glazing	Cost Effective, Higher Strength		
Reinforced Cement Concrete	Construction of Buildings	Faster Construction Environmental Friendly		High Diameter Steel Tubes/High Load Bearing
Fabricated Metal Sheet	Pre-Engineered Steel Buildings	Lower steel consumption Reduces overall project cost		-

Source: YES Sec

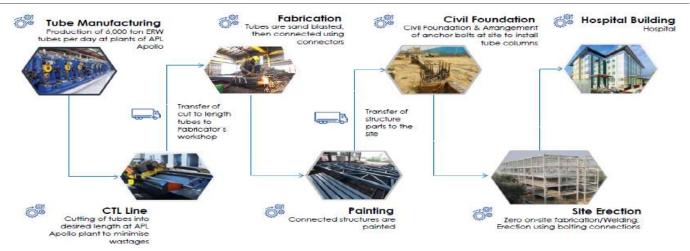
Exhibit 8: Company's product basket & their applications

roduct Calegory	Application	Product – visual overview	Key USPs	Applications	Applications – visual overview
			First company to introduce DFT rechnology in India	High-rise, Warehousing, Infrastructure	
	Super Heavy		Offers columns of 300mm x 300mm, 500mm x 500mm and 1000mm x 1000mm*	Column, Beams, Heavy structural erections	
pollo Structural	Light		First company in India to introduce Door frame and Plank	Door Frame, Staircase Steps, Furniture & fencing	TRADE -
			Light weight tubes for furniture	Electrical Conduits	
			First company in India to introduce square, rectangular	Sheds & Gates, Handrails & Fencing, Balcony Grills	
	General		structural steel tubes	Staircase etc.	
	Rust-proof	=	t company in India to introduce a-galvanized sections, replacing	Roofing Structures, Fabrication Work, Purlins	
Apollo Z			Ivanized tubes -mective in use in coastal markets	Rafters	
	200		High tensile light structural	Warehousing	
	Coated		application; bendable; superior rust proof properties	Factory Sheds	THE PARTY NAMED IN
			Effective for use in water	Greenhouse structures	
Apollo Galv	Agri/Industri al		applications, being highly non- corrosive in nature	Plumbing	
				Firefighting	

Source: YES Sec



Exhibit 9: Manufacturing process



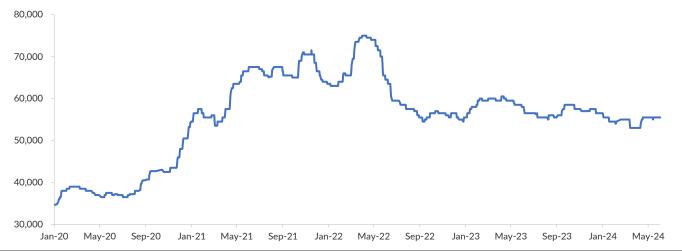
Source: YES Sec

Exhibit 10: De-commoditizing product portfolio

Sales (%)	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Apollo Structural (Heavy Sections)	5%	5%	6%	6%	6%	7%	7%	9%
Apollo Structural (Super Heavy Sections)								1%
Apollo Structural (Light Section)	5%	6%	8%	8%	21%	19%	20%	16%
Apollo Structural (General Products)	57%	58%	58%	55%	43%	37%	43%	42%
Apollo Z (Rust proof structures)	20%	21%	21%	25%	25%	33%	24%	23%
Apollo Z (Coated Products)							2%	5%
Apollo Galv (Agri/Industrial GI sections)	13%	10%	7%	6%	4%	4%	4%	5%

Source: YES Sec

Exhibit 11: HRC price trend



Source: YES Sec

Exhibit 12: Capacities to grow to 5Mn Te...

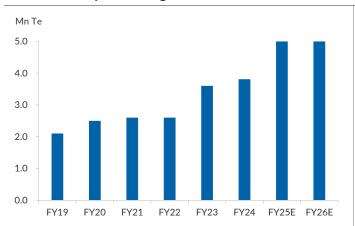
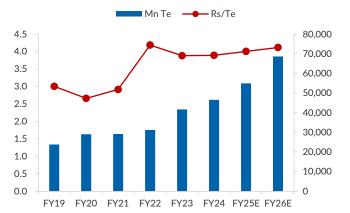


Exhibit 13: Volumes to increase by 20%CAGR...



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 14: Share of VAP to further improve...

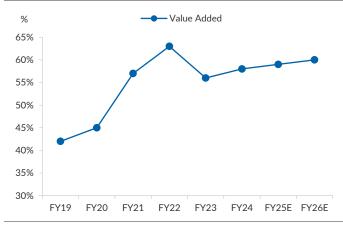
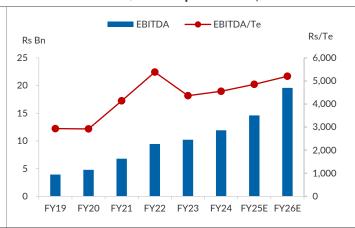


Exhibit 15: EBITDA/Te to expand to Rs5,204...



Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 16: Healthy FCF generation...

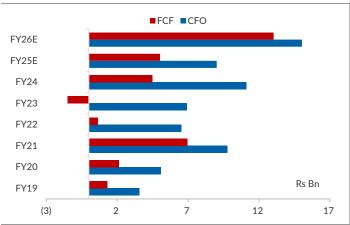
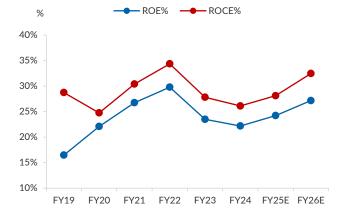


Exhibit 17: Return ratios to improve...



Source: Company, YES Sec

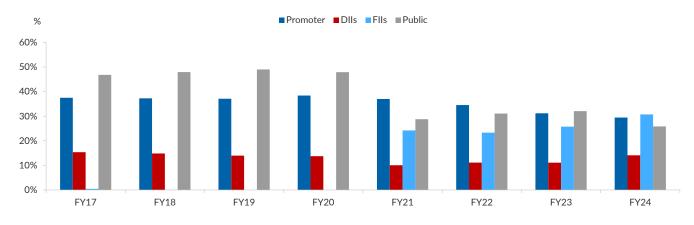


Exhibit 18: Management Team

Name	Designation	Brief
Sanjay Gupta	Chairman & Managing Director	Steel Industry veteran with 3 decades of experience
Vinay Gupta	Director	More than 20 years of industry experience in the manufacturing and trading pipes, tubes, and sheets.
Rahul Gupta	Director	A promising entrepreneur with an experience of around 5 years in Steel Tubes Manufacturing
Neeru Abrol	Independent Director	A Chartered Accountant, having 4 decades of professional experience in various sectors. Worked for 26 years in SAIL
Ashok Kumar Gupta	Vice Chairman	Steel industry veteran with 4 decades of experience
Abhilash Lal	Independent Director	3 decades of professional experience in senior roles across financial services including banking, PE & others
Anil Kumar Bansal	Independent Director	Former Director of NABARD, CARE Ratings, & others with 4 decades of experience in banking industry
Deepak Goyal	Director -Operations	2 decades of professional experience in steel tube industry
Virendra Singh Jain	Independent Director	Board member of Dalmia Bharat Ltd, Ex - Chairman of SAIL, Ex - Executive Director at IOC
H.S. Upendra Kamath	Independent Director	Former CMD of Vijaya Bank. Having 4 decades experience in the Indian Banking Industry
Asha Anil Agarwal	Independent Director	Former Principal Chief Commissioner of Income Tax. Having 4 decades of rich experience in the Indian Revenue Service

Source: Company, YES Sec

Exhibit 19: Share Holding pattern



Source: YES Sec

Exhibit 20: 1-year forward P/E



Source: YES Sec



RESULT HIGHLIGHTS

Exhibit 21: Quarterly snapshot

Particulars (Rs Mn)	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Q3 FY24	Q4 FY24	% yoy	% qoq	FY23	FY24	% yoy
Sales	43,271	44,311	45,449	46,304	41,778	47,657	7.6	14.1	161,660	181,188	12.1
EBITDA	2,729	3,229	3,072	3,250	2,796	2,804	(13.2)	0.3	10,216	11,922	16.7
EBITDA %	6.3%	7.3%	6.8%	7.0%	6.7%	5.9%	-140.4 bps	-80.8 bps	6.3%	6.6%	26.1 bps
Depreciation	345	468	409	413	471	466	(0.5)	(1.0)	1,383	1,759	27.2
Other income	93	180	217	196	150	186	3.4	23.6	472	749	58.7
EBIT	2,476	2,941	2,880	3,033	2,475	2,524	(14.2)	2.0	9,304	10,911	17.3
EBIT%	5.7%	6.6%	6.3%	6.5%	5.9%	5.3%	-134.1 bps	-62.9 bps	5.8%	6.0%	26.7 bps
Interest	186	249	271	266	285	311	25.1	9.2	671	1,134	69.0
PBT	2,290	2,692	2,609	2,767	2,190	2,212	(17.8)	1.0	8,633	9,777	13.3
Tax	598	673	672	738	535	508	(24.6)	(5.0)	2,215	2,453	10.8
Tax Rate (%)	26%	25%	26%	27%	24%	23%	-206.4 bps	-146.7 bps	26%	25%	-56.4 bps
PAT	1,692	2,018	1,936	2,029	1,655	1,704	(15.5)	3.0	6,419	7,324	14.1
PAT %	3.9%	4.6%	4.3%	4.4%	4.0%	3.6%	-97.8 bps	-38.5 bps	4.0%	4.0%	7.2 bps
EPS (Rs)	6.8	7.3	7.0	7.3	6.0	6.1	(15.7)	2.8	23.1	26.4	14.1

Source: Company, YES Sec

Exhibit 22: Operational Highlights

	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Q3 FY24	Q4 FY24	% yoy	% qoq	FY23	FY24	% yoy
Volume ('000 Te)	605	650	662	675	604	679	4.4	12.3	2,342	2,618	11.8
ASP (Rs/Te)	71,522	68,171	68,654	68,599	69,168	70,234	3.0	1.5	69,026	69,209	0.3
EBITDA (Rs/Te)	4,510	4,968	4,641	4,815	4,628	4,132	(16.8)	(10.7)	43,619	45,537	4.4

Source: Company, YES Sec

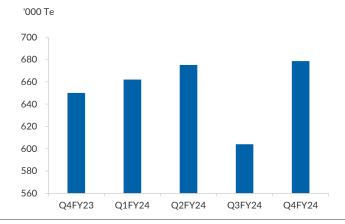
KEY CON-CALL HIGHLIGHTS

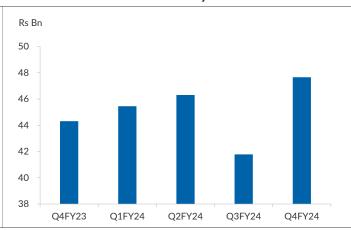
- Management aims to reach 5Mn Te capacity by FY25E wherein EBITDA/Kg should be more than Rs5,500Te.
- For next 2-3 years company is confident of growing volumes by 25%CAGR. Q1FY25E is sluggish due to ongoing elections but demand should improve from H2FY25E.
- Raipur plant operated at 55% utilization in FY24 & the same is likely to operate at 70-75% in FY25F
- EBITDA/Te declined despite higher ASP due to volume-push & higher discounts offered during the quarter.
- Export volumes stood at 110K Te and management expects this volume to grow to 200-250K Te by FY25E of which 150KTe will be contributed by Dubai Plant.
- Gap between primary and secondary steel has narrowed from Rs15,000/Te to Rs6,000-7,000/Te in FY24 and is further expected to contract to Rs3,000-4,000/Te.
- The company continues to find new application for their products; currently APL is in discussion with SOLAR POWER producers to manufacture structure of solar panels vis SST.
- Management aims to generate net cash of Rs10Bn in FY25E.

QUARTERLY TRENDS

Exhibit 23: 2-year volume growth stood at 11%CAGR...

Exhibit 24: Revenue increased by 8%YoY...





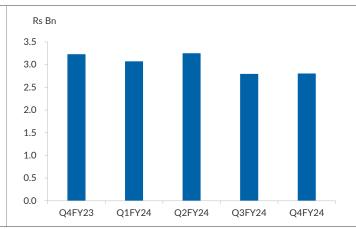
Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 25: ASP improved to Rs70,234/Te...

Exhibit 26: EBITDA stood at Rs2.8Bn...





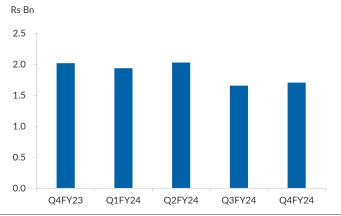
Source: Company, YES Sec

Source: Company, YES Sec

Exhibit 27: EBITDA/Te declined to Rs4,132...

Exhibit 28: Net Profit degrew by 16%YoY...





Source: Company, YES Sec



FINANCIALS

Exhibit 29: Income Statement

Y/e 31 Mar (Rs Mn)	FY22	FY23	FY24	FY25E	FY26E
Revenues	130,633	161,660	181,188	214,388	275,511
Growth (%)	53.7%	23.8%	12.1%	18.3%	28.5%
EBITDA	9,453	10,216	11,922	14,613	19,584
EBITDA margin (%)	7.2%	6.3%	6.6%	6.8%	7.1%
Growth (%)	39.3%	8.1%	16.7%	22.6%	34.0%
Depreciation	1,090	1,383	1,759	1,946	2,040
Other income	405	472	749	799	947
EBIT	8,768	9,304	10,911	13,465	18,491
EBIT margin (%)	6.7%	5.8%	6.0%	6.3%	6.7%
Interest	445	671	1,134	1,163	936
PBT	8,323	8,633	9,777	12,302	17,555
Tax	2,133	2,215	2,453	3,086	4,404
Net profit	6,190	6,419	7,324	9,216	13,151
Net profit margin (%)	4.7%	4.0%	4.0%	4.3%	4.8%
EPS	22.3	23.1	26.4	33.2	47.4
Growth (%)	51.8%	3.7%	14.1%	25.8%	42.7%

Source: Company, YES Sec

Exhibit 30: Operational Highlights

Per Te Analysis (Rs/Te)	FY22	FY23	FY24	FY25E	FY26E
Volumes (Mn Te)	1.8	2.3	2.6	3.0	3.8
ASP	74,435	69,026	69,209	71,209	73,209
COGS	63,949	59,893	59,653	61,379	63,450
GP	10,485	9,133	9,555	9,830	9,759
Employee cost	872	880	984	958	859
Other cost	4,227	3,891	4,018	4,018	3,696
EBITDA/Te	5,386	4,362	4,554	4,854	5,204



Exhibit 31: Balance Sheet

Y/e 31 Mar (Rs Mn)	FY22	FY23	FY24	FY25E	FY26E
Equity Share Capital	501	555	555	555	555
Reserves	24,140	29,501	35,491	43,319	55,082
Book Value	24,640	30,056	36,046	43,874	55,637
Borrowings	5,806	8,729	11,246	9,246	7,246
Trade Payables	10,595	15,970	19,816	20,251	26,168
Others	3,484	3,761	4,760	4,890	5,136
Total Equity & Liabilities	44,524	58,516	71,868	78,262	94,188
PPE	16,041	23,493	30,306	32,360	32,320
CWIP	5,037	3,740	2,030	2,030	2,030
Inventories	8,472	14,799	16,379	19,381	25,044
Investments	913	960	1,027	1,027	1,027
Trade Receivables	3,417	1,374	1,391	1,646	2,115
Cash & Bank	3,764	3,525	3,476	3,951	12,665
Other Financial Assets	427	3,336	9,173	9,173	9,173
Others	6,453	7,290	8,086	8,694	9,814
Total Assets	44,524	58,516	71,868	78,262	94,188

Source: Company, YES Sec

Exhibit 32: Cash Flow

Y/e 31 Mar (Rs Mn)	FY22	FY23	FY24	FY25E	FY26E
PBT	8,323	8,633	9,777	12,302	17,555
Depreciation & Amortization	1,090	1,383	1,759	1,946	2,040
Finance cost	445	671	1,134	1,163	936
(Incr)/Decr in Working Capital	(1,154)	(1,475)	1,202	(3,300)	(1,089)
Taxes	(1,993)	(2,161)	(2,180)	(3,086)	(4,404)
Cash from ops.	6,517	6,916	11,116	9,026	15,038
(Incr)/ Decr in PP&E	(5,967)	(8,621)	(6,948)	(4,000)	(2,000)
Cash Flow from Investing	(5,301)	(8,757)	(9,156)	(3,976)	(2,000)
(Decr)/Incr in Borrowings	603	2,902	2,586	(2,000)	(2,000)
Finance cost	(407)	(602)	(941)	(1,163)	(936)
Dividend	0	(875)	(1,387)	(1,388)	(1,388)
Cash Flow from Financing	260	1,446	266	(4,551)	(4,324)
Incr/(Decr) in cash	1,476	(395)	2,225	499	8,714
Cash at beginning of year	161	1,637	1,227	3,452	3,951
Cash at end of year	1,637	1,242	3,452	3,951	12,665
Courses Company VEC Cos					



Exhibit 33: Ratios

Key Ratios	FY22	FY23	FY24	FY25E	FY26E
Growth Matrix (%)					
Revenue growth	53.7%	23.8%	12.1%	18.3%	28.5%
EBITDA growth	39.3%	8.1%	16.7%	22.6%	34.0%
EBIT growth	43.3%	6.1%	17.3%	23.4%	37.3%
PAT growth	51.8%	3.7%	14.1%	25.8%	42.7%
Profitability ratios (%)					
EBITDA margin	7.2%	6.3%	6.6%	6.8%	7.1%
EBIT margin	6.7%	5.8%	6.0%	6.3%	6.7%
PAT margin	4.7%	4.0%	4.0%	4.3%	4.8%
ROCE	34.3%	27.8%	26.1%	26.9%	31.6%
ROE	29.8%	23.5%	22.2%	23.1%	26.4%
Per share values					
EPS	22.3	23.1	26.4	33.2	47.4
CEPS	29.1	28.1	32.7	40.2	54.7
BVPS	98.4	108.4	129.9	158.1	200.5
Valuation ratios (x)					
P/E	40.4	51.8	60.2	44.4	31.1
P/CEPS	30.9	42.6	48.6	36.6	26.9
P/BV	9.1	11.1	12.2	9.3	7.3
EV/EBITDA	24.4	33.2	37.6	28.3	20.6
Leverage ratios (x)					
Debt/ Equity	0.2	0.3	0.3	0.2	0.1
Net debt/Equity	0.1	0.2	0.2	0.1	(0.1)
Net debt/EBITDA	0.2	0.5	0.7	0.4	(0.3)
Int coverage	19.7	13.9	9.6	11.6	19.8
NWC days					
Receivables	9.5	3.1	2.8	2.8	2.8
Inventory	27.6	38.5	38.3	38.3	38.3
Payables	34.5	41.6	46.3	40.0	40.0



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 YSL 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 YSL.

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 each security's price 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.

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.

YSL, 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 YSL 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 SEC 15a-6 rules 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) who has prepared the research report. YES Securities (India) Limited is the employer of the YES Securities (India) Limited Representative who is responsible for the report, are responsible for the content of the YES Securities (India) Limited Research Report; any material conflicts of interest of YES Securities (India) Limited in relation to the issuer(s) or securities discussed in the YES Securities (India) Limited 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. 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). 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

YES Securities (India) Limited

Registered Address: 2nd Floor, North Side, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai - 400 055, Maharashtra, India.

Correspondence Address: 7th Floor, Urmi Estate Tower A, Ganpatrao Kadam Marg, Opp. Peninsula Business Park, Lower Parel (West), Mumbai – 400 013, Maharashtra, India.

⊠ research@ysil.in | Website: www.yesinvest.in

Registration Nos.: CIN: U74992MH2013PLC240971 | SEBI Single Registration No.: NSE, BSE, MCX & NCDEX : INZ000185632 | Member Code: BSE - 6538, NSE - 14914, MCX - 56355 & NCDEX - 1289 | CDSL & NSDL: IN-DP-653-2021 | MERCHANT BANKER: INM000012227 | RESEARCH ANALYST: INH000002376 | INVESTMENT ADVISER: INA000007331 | Sponsor and Investment Manager to YSL Alternates Alpha Plus Fund (CAT III AIF) SEBI Registration No.: IN/AIF3/20-21/0818 | AMFI ARN Code - 94338.

Details of Compliance Officer: Name: Aditya Goenka, Email id: compliance@ysil.in, Contact No: 022- 65078127 (Extn: 718127)

Grievances Redressal Cell: customer.service@ysil.in/igc@ysil.in



DISCLOSURE OF INTEREST

Name of the Research Analyst: Udit Gajiwala, Shalin Damani

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 YSL's financial interest in the subject company(ies)	No
2	Research Analyst or his/her relative or YSL'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 YSL 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	YSL has received any compensation from the subject company in the past twelve months	No
6	YSL has received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
7	YSL 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	YSL has received any compensation or other benefits from the subject company or third party in connection with the research report	No
9	YSL has managed or co-managed public offering of securities for the subject company in the past twelve months	No
10	Research Analyst or YSL has been engaged in market making activity for the subject company(ies)	No

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

Analyst Signature

Analyst Signature

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 ("YSL") is a wholly owned subsidiary of YES BANK LIMITED. YSL 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). YSL is also a SEBI-registered Category I Merchant Banker, Investment Adviser and Research Analyst. YSL is also a Sponsor and Investment Manager of Alternate Investment Fund - Category III (YSL Alternates) and AMFI registered Mutual Fund Distributor. The Company is also a registered Depository Participant with CDSL and NSDL. YSL 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 YSL by SEBI/Stock Exchanges.