RESULT REPORT Q2 FY25 | Sector: Automobile

TVS Motor Co

Margins resilient despite inflated staff exp.

Valuation and View - Yet to be accrued PLI benefits to support margins

TVSL 2QFY25 results was mixed bag as ASP decline of 2.5% QoQ (-0.9% YoY) at Rs75.1k/unit (est Rs77.8k/unit) came in as surprise despite price hikes and favorable mix. This was led by launch of iQube 09 variant at lowered price point. However, margins continue to be resilient at 11.7% (+70bp YoY/ +20bp QoQ). Gross margin expanded ~250bp YoY (-10bp QoQ) at 28.5% partially offset by higher employee cost which grew ~26.4% YoY due to; 1) new manpower addition of ~250 each in electric, software and digital initiatives and 2) ESOP provision of Rs110-120m. Key operating metrics such as EBITDA/vehicle remain elevated at ~Rs8.8k/unit (+5% YoY/ -0.5% QoQ). The management indicated rural/semi-urban markets are performing better vs urban (we have been indicating the trend since last 2-3 quarters in our channel check note). We continue to believe TVSL is better placed among 2W OEMs both in ICE and EVs led by better product acceptability which should drive further market share gains. However, we would remain watchful of the TVSL's market share in the 125cc segment and market share thereof.

In our view, EBITDA margins expansion to continue given largely stable RM and price hikes. TVSL currently trades at 36.9x/30.5x of FY26/FY27 EPS (v/s HMCL/ BJAUT of 21-26x on FY27 EPS). We believe, it should continue to trade at premium as we expect EPS CAGR of ~25.9% over FY24-27E. Sustained market share gains led by aggressive product pipeline, scope of external investments in to EV vertical are re-rating triggers. We reiterate TVS as our preferred pick among 2Ws with ADD with revised TP of Rs3,030 as we continue to value co at 35x Mar-27 EPS plus Rs124 value to TVS credit. We have cut FY26/27 EPS by 4%/2% to reflect upon higher staff cost and lower ASPs.

Result Highlights - Steady as gains on GMs offset by higher staff cost

- Revenues grew 13.3% YoY (+1.2% QoQ) at ~Rs92.3b (est ~Rs95.6b) led by 14.3% YoY (+13% QoQ) growth in volumes at ~1.23m units while ASP de-grew 0.9% YoY (-2.5% QoQ) at ~Rs75.1k/unit (est Rs77.8k/unit). Decline in ASP was led by launch of lower priced iQube 09 variant.
- Gross margins came in-line at 28.5% (-10bp QoQ, est 28.4%) and sustained elevated levels led by benign RM. EBITDA grew ~20% YoY (+12.5% QoQ) at Rs10.8b (est Rs11.4b) with margins at 11.7% (+70bp YoY/+20bp QoQ, est 12%). EBITDA/unit grew ~5% YoY (-0.4% QoQ) at Rs8.8k/unit. EBITDA margin boost as yet to be accrued PLI benefit still to play out.
- Led by lower other income at Rs299m (est Rs465m, -17.6% QoQ), Adj.PAT came in at ~Rs6.6b (+23.4% YoY/+14.7% QoQ, est Rs7.2b, cons Rs7b).
- Investments in Subs during 2QFY25 TVS Singapore at ~Rs2.2b (v/s ~Rs1.64b in 1QFY25)

Exhibit 1: Actual vs estimates

		Estimate		% variation		Remarks
Rs mn	Actual	Yes Sec	Consensus	Yes Sec	Consensus	
Sales	92,282	95,568	94,191	(3.4)	(2.0)	Gains on gross margins
EBITDA	10,798	11,426	11,170	(5.5)	(3.3)	offset by higher staff
EBITDA margins %	11.7	12.0	11.9	-30bp	-20bp	expenses and lower ASP.
Adjusted PAT	6,621	7,214	6,955	(8.2)	(4.8)	

Source: Company, YES Sec



Reco	:	ADD
СМР	:	Rs 2,565
Target Price	:	Rs 3,030
Potential Return	:	+18.1%

Stock data (as on Oct 23, 2024)

24,436
2,958 / 1,549
12,09,685 / 15,463
475
2,315
0.3
TVSL IN
TVSMOTOR

Stock performance



Shareholding pattern (As of Jun'24)

Promoter	50.3%
FII+DII	41.2%
Others	8.6%

Δ in stance

(1-Yr)	New	Old
Rating	ADD	ADD
Target Price	3,030	3,092

Δ in earnings estimates

	FY26E	FY27E
EPS (New)	69.5	83.0
EPS (Old)	72.4	84.8
% change	(3.9%)	(2.1%)

Financial Summary

i ilialiciai Julililiai	у		
Y/E MARCH (Rs b)	2025E	2026E	2027E
Sales	352	400	437
EBITDA	43.1	51.7	60.4
Adj. PAT	26.9	33.0	39.4
Adj. EPS (INR)	56.6	69.5	83.0
EPS Gr. (%)	29.1	22.9	19.4
BV/Sh. (INR)	215.3	280.8	359.9
RoE (%)	29.9	28.0	25.9
RoCE (%)	32.3	32.3	31.3
Payout (%)	7.1	5.8	4.8
P/E (x)	45.3	36.9	30.9
P/BV (x)	11.9	9.1	7.1
EV/EBITDA (x)	28.6	23.7	19.8
Div. Yield (%)	0.2	0.2	0.2

DEEP SHAH Lead Analyst deep.shah@ysil.in



MEGHNA GUNDU, Associate



Exhibit 2: Quarterly snapshot

VY/e Mar (Rs mn)	Q2FY25	Q2FY24	YoY chg (%)	Q1FY25	1HFY25	1HFY24	YoY chg (%)
Net Revenues	92,282	81,446	13.3	83,756	176,038	153,625	14.6
Raw Materials	66,018	60,276	9.5	59,804	125,822	114,094	10.3
% of Net Sales	71.5%	74.0%		71.4%	71.5%	74.3%	
Personnel	4,967	3,929	26.4	4,788	9,755	7,718	26.4
% of Net Sales	5.4%	4.8%		5.7%	5.5%	5.0%	
Manufacturing & Other Exp	10,499	8,244	27.4	9,563	20,062	15,179	32.2
% of Net Sales	11.4%	10.1%		11.4%	11.4%	9.9%	
Total Expenditure	81,485	72,449	12.5	74,154	155,639	136,990	13.6
EBITDA	10,798	8,998	20.0	9,602	20,400	16,635	22.6
EBITDA Margin (%)	11.7%	11.0%		11.5%	11.6%	10.8%	
Depreciation	1,806	1,701	6.2	1,763	3,569	3,336	7.0
EBIT	8,992	7,297	23.2	7,838	16,831	13,299	26.6
Interest Expenses	319	523	(39.0)	372	691	997	(30.6)
Non-operating income	299	462		363	662	1,038	(36.2)
Extraordinary Income	-	-		-	-	-	
PBT	8,972	7,237	24.0	7,829	16,801	13,340	25.9
Tax-Total	2,346	1,871	25.4	2,056	4,402	3,298	33.5
Tax Rate (%) - Total	26.2%	25.9%		26.3%	26.2%	24.7%	
Reported PAT	6,626	5,366	23.5	5,773	12,399	10,042	23.5
Adj. PAT	6,621	5,366	23.4	5,773	12,395	10,042	23.4
PAT Margin	7.2%	6.6%		6.9%	7.0%	6.5%	
Key Operating Metrics							
Sales Volume (nos)	1,228,223	1,074,378	14.3	1,087,175	2,315,398	2,027,622	14.2
Net Realisation/Vehicle	75,135	75,808	(0.9)	77,040	76,029	75,766	0.3
Material cost / vehicle	53,751	56,103	(4.2)	55,009	54,341	56,270	(3.4)
Gross Profit / vehicle	21,384	19,705	8.5	22,031	21,688	19,496	11.2
Employee cost /vehicle	4,044	3,657	10.6	4,404	4,213	3,806	10.7
Other expenses / vehicle	8,548	7,673	11.4	8,796	8,664	7,486	15.7
EBITDA/vehicle	8,791	8,375	5.0	8,832	8,810	8,204	7.4
Net Profit/vehicle	5,391		8.0	5,310	5,353	4,953	8.1

Source- Company, YES Sec

KEY CON-CALL HIGHLIGHTS

- Outlook
 - During Navratri industry grew by 11% while TVSL outperformed. Overall
 positive outlook for entire festive and TVSL would maintain outperformance.
 - o In 1HFY25 industry grew ~8% YoY, rural grew +9% YoY, urban grew +7% YoY. Seeing rural catching up now after long time. For FY25, expect rural/urban growth be at par in FY25E.
 - Expect industry to grow 7-8% YoY in 3QFY25 while TVSL to outgrow.
- Have not recognized PLI benefits in 2QFY25. Products are eligible and qualify for PLI
 while process is underway for the finalization of revenues.
- Exports Revenue for 2QFY25 at Rs22.29b. Due to red crisis, transit time have increased.
 - Africa (~55-57% of volumes in 1HFY25) Still facing some challenges but QoQ is performing better led by favorable base. Controlled dispatches in African market. TVS is doing better than industry. Worst is over. 55-57% of vol mix for exports. Maintains 1 month stock excl. transit time.
 - LATAM started doing well and market is also growing, network expansion and brand building activities to help gain volumes. All the products and some product from Indonesia are exporting to LATAM.
 - o **ASEAN** Nepal, Sri Lanka started doing well. Bangladesh still have some challenges but will improve gradually.
 - ME will do well. Local currency depreciation and increase in interest rate are some challenges having in industry.
- New Launches: Jupiter 110 which launched before festive is seeing good customer reception
 - Apache RTR 310 gained good response from the customers. Also, new variant of Ntorq added which attracting lot of new customers
 - Co. will launch few models in EV portfolio in FY25.
 - o Will launch EV 3W soon in market.
 - TVS X premium product will be launched pan India by 3QFY25.
 - Co. Indicated CNG 2W in close watch how 2W CNG motorcycle working in the market.
- EV introduced new variant with iQube now available in 3 battery options such as 2.2kWh, 3.4kWh, 5.1kWh with 5 variants
 - o Co. wants to be strong 2W EV player in India. Aims to grow ahead of industry.
 - o EV revenue for 1HFY25 is at ~Rs16b.
 - o Current EV reach is 750 dealers and expanding.
 - 2W EV penetration at ~7% in 2QFY25.
 - o Started exports to ASEAN markets and exploring opportunities in Asia countries.
 - Expect to launch new products even during rest of FY25E. Expect to launch EV 3W soon.
 - EV vertical is contribution positive vertical.
- Nortron Currently investing in designing and product development.
 - Planning to have 6 new product launches expected in FY26 in premium and super premium segment.



- Spares revenues at Rs9.3b in 2QFY25 (v/s Rs8.43 in 1QFY25, Rs8.15b in 4QFY24, Rs7.92b in 3QFY24).
- PBT for the quarter includes Rs230m (V/s Rs280 in 1QFY25) of fair valuation gain on the investments held by the Company.
- FY25 capex expected at Rs12-14b and investments of ~Rs15b in FY25.
- Higher employee cost is explained by new manpower addition of ~250 each in electric, software and digital initiatives. Further ESOP provision of Rs110-120m also inflated cost.
- Decline in ASP was led by launch of lower priced iQube 09 variant.
- TVS credit services performance (TVSCS)
 - 2QFY25 have added ~2m customer base, AUM of ~Rs266.5b which grew +13%, PBT grew +20% YoY at Rs2.15b (vs Rs1.8b in 2QFY24 and Rs1.87b in 1QFY25).
 - Net Worth as on 1HFY25 at Rs44.87b, capital adequacy ratio at 19.1%. Cost of funds at 8.03%, ~27% concentration for 2W. Have diversified portfolio.
 - FY24 AUM of ~Rs250b in FY24 (+26% YoY), PBT grew +40% YoY to Rs7.63b in FY24 vs Rs5.12b in FY23), Net worth of Rs43.33b.
- E-cycles Europe is facing stressful economic condition. Looking for cost cuttings, reduced the inventories and generated cash for working capital. There is no need for impairment provisions.

CHARTS

Exhibit 1: Volumes grew 14.3% YoY (+13% QoQ)

Exhibit 2: TVSL domestic 2W market share trend

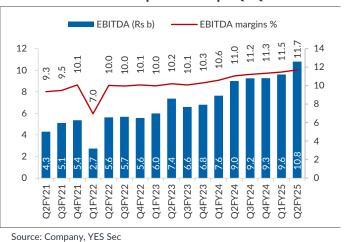




Exhibit 3: GM came in flat QoQ led by benign RM

■ Gross margins % 28.6 29 28 27 26 25 24 23

Exhibit 4: EBITDAM expanded 20bps QoQ at 11.7%



Source: Company, YES Sec



FINANCIALS

Exhibit 5: Balance Sheet

Y/E March (Rs mn)	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	475	475	475	475	475	475	475
Total Reserves	41,234	47,745	60,003	76,835	101,819	132,953	170,494
Net Worth	41,710	48,220	60,479	77,310	102,294	133,428	170,969
Deferred Liabilities	1,954	1,979	1,982	1,871	1,871	1,871	1,871
Total Loans	17,169	25,906	33,354	26,825	23,575	20,325	17,075
Capital Employed	60,833	76,105	95,815	106,006	127,739	155,624	189,915
Gross Block	63,232	72,064	79,879	87,263	98,813	108,363	117,913
Less: Accum. Deprn.	33,128	38,998	43,920	49,545	56,895	65,234	74,172
Net Fixed Assets	30,104	33,066	35,959	37,719	41,918	43,130	43,742
Capital WIP	2,787	4,245	6,277	9,301	9,751	10,201	10,651
Total Investments	33,145	47,160	56,839	69,913	84,913	96,913	108,913
Curr. Assets, Loans&Adv.	35,939	34,007	40,790	43,690	51,241	69,110	95,890
Inventory	11,518	11,227	12,364	13,708	15,174	21,903	23,922
Account Receivables	8,700	9,507	9,551	13,021	14,414	21,903	23,922
Cash and Bank Balance	9,298	4,013	2,420	5,310	10,002	13,652	36,395
Loans and Advances	6,423	9,260	16,456	11,651	11,651	11,651	11,651
Curr. Liability & Prov.	41,141	42,372	44,050	54,616	60,084	63,729	69,281
Account Payables	39,216	39,914	41,306	51,122	56,590	60,234	65,786
Provisions	1,925	2,458	2,744	3,495	3,495	3,495	3,495
Net Current Assets	(5,202)	(8,366)	(3,260)	(10,927)	(8,843)	5,380	26,609
Appl. of Funds	60,833	76,105	95,815	106,006	127,739	155,624	189,915

Source: Company, YES Sec

Exhibit 6: Income statement

Y/E March (Rs mn)	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Net Sales	167,505	207,905	263,781	317,764	351,751	399,738	436,582
Change (%)	2.0	24.1	26.9	20.5	10.7	13.6	9.2
EBITDA	14,286	19,618	26,747	35,141	43,052	51,723	60,420
Margin (%)	8.5	9.4	10.1	11.1	12.2	12.9	13.8
Depreciation	4,937	6,114	6,312	7,004	7,350	8,339	8,938
EBIT	9,349	13,503	20,435	28,138	35,702	43,384	51,482
Int. and Finance Charges	1,416	1,259	1,407	1,816	1,261	945	737
Other Income - Rec.	330	190	1,006	1,485	1,500	1,725	1,984
PBT bef. EO Exp.	8,262	12,434	20,034	27,807	35,941	44,165	52,729
EO Exp/(Income)	-	302	-	-	-	-	-
PBT after EO Exp.	8,262	12,132	20,034	27,807	35,941	44,165	52,729
Current Tax	2,034	3,000	5,037	7,021	9,057	11,129	13,288
Deferred Tax	108	196	87	(44)	-	-	-
Tax Rate (%)	25.9	26.3	25.6	25.1	25.2	25.2	25.2
Reported PAT	6,120	8,936	14,910	20,830	26,884	33,035	39,441



Y/E March (Rs mn)	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
PAT Adj for EO items	6,120	9,158	14,910	20,830	26,884	33,035	39,441
Change (%)	(0.9)	49.6	62.8	39.7	29.1	22.9	19.4

Source: Company, YES Sec

Exhibit 7: Cash Flow Statement

Y/E March (Rs mn)	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
NP/ (Loss) bef Tax and EO	8,262	12,132	20,034	27,807	35,941	44,165	52,729
Depreciation	4,937	6,114	6,312	7,004	7,350	8,339	8,938
Interest & Finance Charges	1,416	1,259	1,407	1,816	1,261	945	737
Direct Taxes Paid	2,020	3,100	4,826	6,162	9,057	11,129	13,288
(Inc)/Dec in WC	13,335	(1,325)	(2,913)	5,923	2,609	(10,574)	1,514
CF from Operations	25,930	15,081	20,013	36,387	38,104	31,745	50,630
Others	(303)	(131)	(85)	(214)	(1,500)	(1,725)	(1,984)
CF from Operating incl EO	25,627	14,950	19,929	36,173	36,603	30,020	48,646
(inc)/dec in FA	(9,458)	(20,199)	(21,877)	(25,148)	(12,000)	(10,000)	(10,000)
Free Cash Flow	16,170	(5,249)	(1,949)	11,025	24,603	20,020	38,646
CF from Investments	(9,206)	(21,410)	(23,118)	(18,963)	(25,500)	(20,275)	(20,016)
(Inc)/Dec in Debt	(8,949)	4,825	6,576	(7,295)	(3,250)	(3,250)	(3,250)
Interest Paid	(1,129)	(1,231)	(1,371)	(2,137)	(1,261)	(945)	(737)
Dividend Paid	(998)	(1,904)	(2,918)	(3,801)	(1,900)	(1,900)	(1,900)
CF from Fin. Activity	(11,956)	1,132	2,245	(14,696)	(6,411)	(6,095)	(5,887)
Inc/Dec of Cash	4,465	(5,328)	(944)	2,515	4,692	3,650	22,743
Add: Beginning Balance	4,143	8,590	3,287	2,344	5,310	10,002	13,652
Closing Balance	8,608	3,262	2,344	4,858	10,002	13,652	36,395

Exhibit 8: Growth and Ratio matrix

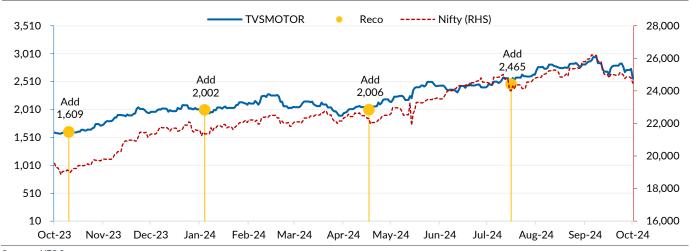
Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)							
EPS	12.9	19.3	31.4	43.8	56.6	69.5	83.0
Growth (%)	(0.9)	49.6	62.8	39.7	29.1	22.9	19.4
Cash EPS	23.3	32.1	44.7	58.6	72.1	87.1	101.8
BV/Share	87.8	101.5	127.3	162.7	215.3	280.8	359.9
DPS	3.5	3.8	5.0	4.0	4.0	4.0	4.0
Payout (%)	27.2	19.9	15.9	9.1	7.1	5.8	4.8
Valuation (x)							
P/E	199.1	133.1	81.7	58.5	45.3	36.9	30.9
Cash P/E	110.2	79.8	57.4	43.8	35.6	29.5	25.2
P/BV	29.2	25.3	20.1	15.8	11.9	9.1	7.1
EV/Sales	7.3	6.0	4.7	3.9	3.5	3.1	2.7
EV/EBITDA	85.9	63.2	46.7	35.3	28.6	23.7	19.8
Dividend Yield (%)	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Return Ratios (%)							



Y/E March	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
EBITDA Margins (%)	8.5	9.4	10.1	11.1	12.2	12.9	13.8
Net Profit Margins (%)	3.7	4.4	5.7	6.6	7.6	8.3	9.0
RoE	15.7	20.4	27.4	30.2	29.9	28.0	25.9
RoCE	16.1	20.6	25.5	29.9	32.3	32.3	31.3
RoIC	23.0	41.6	46.1	58.6	81.0	81.5	84.7
Operating Ratios							
Fixed Asset Turnover (x)	2.6	2.9	3.3	3.6	3.6	3.7	3.7
Inventory (Days)	25.1	19.7	17.1	15.7	15.7	20.0	20.0
Debtor (Days)	19.0	16.7	13.2	15.0	15.0	20.0	20.0
Creditor (Days)	85.5	70.1	57.2	58.7	58.7	55.0	55.0
Working Capital (Days)	(31.6)	(21.7)	(7.9)	(18.6)	(19.6)	(7.6)	(8.2)
Leverage Ratio (x)							
Current Ratio	0.9	0.8	0.9	0.8	0.9	1.1	1.4
Interest Cover Ratio	6.6	10.7	14.5	15.5	28.3	45.9	69.9
Debt/Equity	0.4	0.5	0.6	0.3	0.2	0.2	0.1

Source- Company, YES Sec

Recommendation Tracker



Source - YES Sec



STANDARD DISCLAIMER:

YES Securities (India) Limited, Registered Address: 2nd Floor, North Side, YES BANK House, Off Western Express Highway, Santacruz East, Mumbai - 400055. Maharashtra, India | Correspondence Add: 7th 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")^[1] 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)].

^[1] 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:

⁽a) Effecting unsolicited securities transactions;

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

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

⁽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: Deep Shah, Meghna Gundu

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

Analyst signature Analyst signature

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 Investment Adviser and Research Analyst. YSIL 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.