Exide Industries (EXID)

Maintain ADD; LIB ramp-up a key ahead

Valuation and View - Valuations factors in decent LIB utilization

EXID's 1QFY25 results were weak with EBITDA/Adj.PAT miss of ~8%-16% to our and consensus estimates. This was led by lower-than-expected gross margins at 30.7% (est 31.7%, +240bp/-230bp YoY/QoQ), primarily led by unfavorable product mix. However, lead prices have increased by ~5%/4% YoY/QoQ in 1QFY25, the co has taken price increase in few segments which should fully reflect from 2QFY25E. The demand outlook is positive for the base business for auto/industrial vertical, as current volume growth is expected to sustain over near-mid term. EXID did indicated, 1) market share gains in the domestic market, 2) increased distribution to +115k in FY24 (vs +95k in FY23), 3) double digit growth in industrial vertical and positive response to new product launches in exports were the factors which led growth in FY24.

Over the mid-long term, EXID's speedy ramp-up of lithium-ion battery (LIB) cell manufacturing and new order wins (in addition to MOU signed with Hyundai group), would be closely watched as the plant is expected to see production ramp-up over FY26E. While EXID's LAB business is expected to grow 7-8% CAGR over 3-5 years, the recent valuation expansion do factor in decent capacity utilization of LIB vertical. Consequently, with sharp recent valuations expansion and limited upside, we maintain ADD as it trades at 34x/27.9x FY25/26 S/A EPS (v/s 10-year LPA of ~20x). We cut FY25/26 EPS by 4%/0.5% to factor in for recent lead inflation and build Revenue/EBITDA/PAT CAGR of 9.4%/16.3%/24% over FY24-26E. We value EXID at Rs602/share as we value LAB at Rs496 (24x Mar-26 EPS + 50\% holdco discount to HDFC Life stake at Rs30) and value of LIB business at Rs106/share.

Result Highlight - Unfavorable product mix dent gross margins

- S/A revenues grew 5.9% YoY (+7.6% QoQ) at ~Rs43.1b (est ~Rs43b, cons ~Rs44.3b). This was largely led by equal volume growth in auto/industrial. Within auto, growth is similar for OE/replacement while exports grew faster. Within industrial sector, verticals such as UPS, Solar, railways saw healthy volume uptick.
- Gross margins expanded 240bp YoY (-230bp QoQ) at 30.7% (est 31.7%). This should be largely led by unfavorable product mix as price hike in few segments to fully reflect from 2QFY25E. Lead prices grew QoQ by average 4.9% (+3.9% YoY) to Rs180.8/k in 1QFY25. Consequently, EBITDA grew 14.4% YoY (-4.2% QoQ) at ~Rs4.9b (est ~Rs5.4b, cons ~Rs5.9) with margins expanded 90bp YoY (-140bp QoQ) at 11.5% (est 12.5%, cons 13.3%). Led by steady EBITDA growth, Adj.PAT grew 15.6% YoY (-1.5% QoQ) at Rs2.8b (est Rs3.1b, cons ~Rs3.3b).
- Key highlights from PR Li-ion project Co invested further Rs2b in EESL with overall investments now stands at ~Rs25.8b. Customer onboarding across auto and non-auto segment underway.

Exhibit 1: Actual vs estimates

A .4	Est	imate	% variation		Remarks
Actual	Yes Sec	Consensus	Yes Sec	Consensus	Weak
43,128	42,966	44,274	0.4	-2.6	gross margins,
4,943	5,386	5,880	-8.2	-15.9	led
11.5	12.5	13.3	-110bp	-180bp	EBITDA and PAT
2,796	3,112		miss		
	4,943	Actual Yes Sec 43,128 42,966 4,943 5,386 11.5 12.5	Yes Sec Consensus 43,128 42,966 44,274 4,943 5,386 5,880 11.5 12.5 13.3	Actual Yes Sec Consensus Yes Sec 43,128 42,966 44,274 0.4 4,943 5,386 5,880 -8.2 11.5 12.5 13.3 -110bp	Actual Yes Sec Consensus Yes Sec Consensus 43,128 42,966 44,274 0.4 -2.6 4,943 5,386 5,880 -8.2 -15.9 11.5 12.5 13.3 -110bp -180bp

Source: Company, YES Sec



Reco	:	ADD
СМР	:	Rs 532
Target Price	:	Rs 602
Potential Return	:	+13%

Stock data (as on Jul 30, 2024)

Nifty	24,857
52 Week h/l (Rs)	620 / 242
Market cap (Rs/USD mn)	4,69,115 / 5,605
Outstanding Shares (mn)	850
6m Avg t/o (Rs mn):	2673
Div yield (%):	0.4
Bloomberg code:	EXID IN
NSE code:	EXIDEIND

Stock performance



Shareholding pa	ttern (As of June	24)
Promoter		46.0%
FII+DII		31.6%
Others		22.4%
Δ in stance		
(1-Yr)	New	Old
Rating	ADD	ADD
Target Price	602	519

Δ in earnings estimates

	FY25E	FY26E
EPS (New)	15.6	19.1
EPS (Old)	16.2	19.2
% change	(4.2%)	(0.5%)

Financial Summary

Fillancial Sullina	у		
Y/E Mar (Rs b)	2024	2025E	2026E
Sales	160.3	177.3	192.0
EBITDA	18.7	21.9	25.3
Adj. PAT	10.5	13.2	16.2
Adj. EPS (INR)	12.4	15.6	19.1
EPS Gr. (%)	16.5	25.5	22.7
BV/Sh. (INR)	154.6	167.6	183.7
RoE (%)	8.0	9.3	10.4
RoCE (%)	8.9	9.8	11.1
Payout (%)	16.1	16.1	15.7
P/E (x)	42.9	34.2	27.9
P/BV (x)	3.4	3.2	2.9
EV/EBITDA (x)	19.4	16.4	13.9
Div. Yield (%)	0.4	0.5	0.6

DEEP SHAH Lead Analyst deep.shah@ysil.in





Exhibit 2: Quarterly snapshot

Y/e Mar (Rs m)	Q1FY25	Q1FY24	YoY chg	Q4FY24	FY24	FY23	YoY chg
Net Revenues	43,128	40,726	5.9	40,094	160,292	145,734	10.0
Raw Materials	29,895	29,220	2.3	26,860	110,684	101,909	8.6
% of Net Sales	69.3%	71.7%		67.0%	69.1%	69.9%	
Personnel	2,650	2,373	11.7	2,426	9,827	8,666	13.4
% of Net Sales	6.1%	5.8%		6.1%	6.1%	5.9%	
Manufacturing & Other Exp	5,640	4,812	17.2	5,646	21,068	19,486	8.1
% of Net Sales	13.1%	11.8%		14.1%	13.1%	13.4%	
Total Expenditure	38,185	36,404	4.9	34,932	141,578	130,061	8.9
EBITDA	4,943	4,322	14.4	5,162	18,714	15,673	19.4
EBITDA Margin (%)	11.5%	10.6%		12.9%	11.7%	10.8%	
Depreciation	1,257	1,194	5.3	1,248	4,975	4,556	9.2
EBIT	3,686	3,128	17.8	3,913	13,739	11,117	23.6
Interest Expenses	87	98		128	486	291	67.0
Non-operating income	142	192	(26.3)	34	845	1,324	(36.1)
Extraordinary Expenses	0	0		0	0	0	
PBT	3,741	3,222	16.1	3,819	14,099	12,150	16.0
Tax-Total	945	803	17.7	982	3,569	3,114	14.6
Tax Rate (%) - Total	25.3%	24.9%		25.7%	25.3%	25.6%	
Reported PAT	2,796	2,419	15.6	2,838	10,530	9,036	16.5
Adj. PAT	2,796	2,419	15.6	2,838	10,530	9,036	16.5
PAT Margin	9.0%	7.0%		7.1%	6.6%	6.2%	

Source- Company, YES Sec



CHARTS

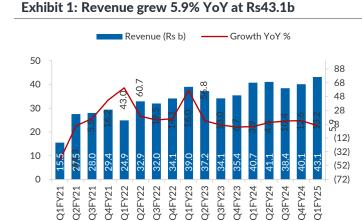
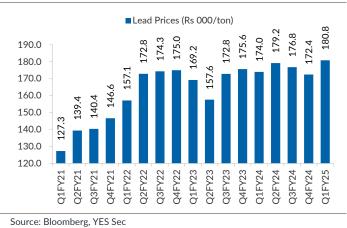


Exhibit 2: Lead price increased to Rs180.8k/ton in 1Q



Source: Company, YES Sec

Exhibit 3: Gross margins contracted by 230bp QoQ

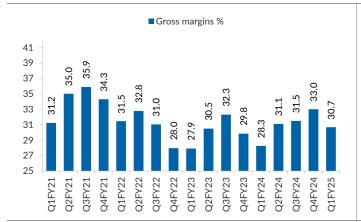
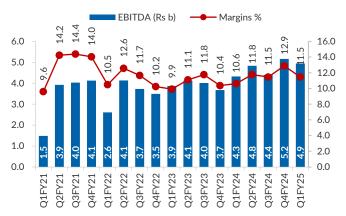


Exhibit 4: EBITDAM contracted ~140bp QoQ



Source: Company, YES Sec

Source: Company, YES Sec



FINANCIALS

Exhibit 5: Balance Sheet

Abbrei Abbrei Abbrei Abbrei Abbrei Abbrei Abbrei Share Capital 850 850 850 850 850 850 Reserves 68,085 105,131 111,248 130,522 141,617 155,288 Net Worth 68,935 105,981 112,098 131,372 142,467 156,138 Loans - - - - - - - Deferred Tax Liability 771 654 1,160 137 137 137 Capital Employed 69,706 106,635 113,257 131,509 142,604 156,275 Application of Funds - <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Reserves 68,085 105,131 111,248 130,522 141,617 155,288 Net Worth 68,935 105,981 112,098 131,372 142,467 156,138 Loans -	Y/E March	2021	2022	2023	2024	2025E	2026E
Net Worth 68,935 105,921 111,03 105,121 111,03 105,125 Loans -<	Share Capital	850	850	850	850	850	850
Loans101,01101,01101,01101,01101,01Deferred Tax Liability7716541,160137137Capital Employed69,706106,635113,257131,509142,604156,275Application of Funds53,47358,00564,02272,022Less: Depreciation16,36119,80224,97029,35334,15539,160Net Fixed Assets26,37927,37828,50328,65229,86732,862Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,914<	Reserves	68,085	105,131	111,248	130,522	141,617	155,288
Deferred Tax Liability 771 654 1,160 137 137 137 Capital Employed 69,706 106,635 113,257 131,509 142,604 156,275 Application of Funds 53,473 58,005 64,022 72,022 Less: Depreciation 16,361 19,802 24,970 29,353 34,155 39,160 Net Fixed Assets 26,379 27,378 28,503 28,652 29,867 32,862 Capital WIP 2,008 3,381 1,009 2,017 2,000 2,000 Investments 30,924 60,355 63,417 86,212 88,096 93,500 Curr.Assets 36,977 40,862 46,422 51,646 60,715 66,749 Inventory 23,462 24,647 29,891 32,493 35,948 38,916 Sundry Debtors 8,874 11,945 12,741 12,644 15,545 16,829 Cash & Bank Balances 3,816 2,656 3,045 3,282 3	Net Worth	68,935	105,981	112,098	131,372	142,467	156,138
Capital Employed69,706106,635113,257131,509142,604156,275Application of FundsGross Fixed Assets42,74047,18053,47358,00564,02272,022Less: Depreciation16,36119,80224,97029,35334,15539,160Net Fixed Assets26,37927,37828,50328,65229,86732,862Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,329 <td>Loans</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Loans	-	-	-	-	-	-
Application of Funds Fixed Assets 42,740 47,180 53,473 58,005 64,022 72,022 Less: Depreciation 16,361 19,802 24,970 29,353 34,155 39,160 Net Fixed Assets 26,379 27,378 28,503 28,652 29,867 32,862 Capital WIP 2,008 3,381 1,009 2,017 2,000 2,000 Investments 30,924 60,355 63,417 86,212 88,096 93,500 Curr.Assets 36,977 40,862 46,422 51,646 60,715 66,749 Inventory 23,462 24,647 29,891 32,493 35,948 38,916 Sundry Debtors 8,874 11,945 12,741 12,644 15,545 16,829 Cash & Bank Balances 825 1,614 745 2,227 4,485 5,877 Loans & Advances 0 0 - 1,000 1,106 1,198 Other Current Assets 3,816 2,656 3,045 3,282 3,630 3,930 Current Liab. & Prov. <td>Deferred Tax Liability</td> <td>771</td> <td>654</td> <td>1,160</td> <td>137</td> <td>137</td> <td>137</td>	Deferred Tax Liability	771	654	1,160	137	137	137
Gross Fixed Assets42,74047,18053,47358,00564,02272,022Less: Depreciation16,36119,80224,97029,35334,15539,160Net Fixed Assets26,37927,37828,50328,65229,86732,862Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Capital Employed	69,706	106,635	113,257	131,509	142,604	156,275
Less: Depreciation16,36119,80224,97029,35334,15539,160Net Fixed Assets26,37927,37828,50328,65229,86732,862Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Application of Funds						
Net Fixed Assets26,37927,37828,50328,65229,86732,862Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Gross Fixed Assets	42,740	47,180	53,473	58,005	64,022	72,022
Capital WIP2,0083,3811,0092,0172,0002,000Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Less: Depreciation	16,361	19,802	24,970	29,353	34,155	39,160
Investments30,92460,35563,41786,21288,09693,500Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Net Fixed Assets	26,379	27,378	28,503	28,652	29,867	32,862
Curr.Assets36,97740,86246,42251,64660,71566,749Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Capital WIP	2,008	3,381	1,009	2,017	2,000	2,000
Inventory23,46224,64729,89132,49335,94838,916Sundry Debtors8,87411,94512,74112,64415,54516,829Cash & Bank Balances8251,6147452,2274,4855,877Loans & Advances00-1,0001,1061,198Other Current Assets3,8162,6563,0453,2823,6303,930Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Investments	30,924	60,355	63,417	86,212	88,096	93,500
Sundry Debtors 8,874 11,945 12,741 12,644 15,545 16,829 Cash & Bank Balances 825 1,614 745 2,227 4,485 5,877 Loans & Advances 0 0 - 1,000 1,106 1,198 Other Current Assets 3,816 2,656 3,045 3,282 3,630 3,930 Current Liab. & Prov. 26,581 25,341 26,093 37,018 38,073 38,837 Sundry Creditors 16,478 16,254 18,036 27,052 21,860 21,036 Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Curr.Assets	36,977	40,862	46,422	51,646	60,715	66,749
Cash & Bank Balances 825 1,614 745 2,227 4,485 5,877 Loans & Advances 0 0 - 1,000 1,106 1,198 Other Current Assets 3,816 2,656 3,045 3,282 3,630 3,930 Current Liab. & Prov. 26,581 25,341 26,093 37,018 38,073 38,837 Sundry Creditors 16,478 16,254 18,036 27,052 21,860 21,036 Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Inventory	23,462	24,647	29,891	32,493	35,948	38,916
Loans & Advances 0 0 - 1,000 1,106 1,198 Other Current Assets 3,816 2,656 3,045 3,282 3,630 3,930 Current Liab. & Prov. 26,581 25,341 26,093 37,018 38,073 38,837 Sundry Creditors 16,478 16,254 18,036 27,052 21,860 21,036 Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Sundry Debtors	8,874	11,945	12,741	12,644	15,545	16,829
Other Current Assets 3,816 2,656 3,045 3,282 3,630 3,930 Current Liab. & Prov. 26,581 25,341 26,093 37,018 38,073 38,837 Sundry Creditors 16,478 16,254 18,036 27,052 21,860 21,036 Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Cash & Bank Balances	825	1,614	745	2,227	4,485	5,877
Current Liab. & Prov.26,58125,34126,09337,01838,07338,837Sundry Creditors16,47816,25418,03627,05221,86021,036Other Liabilities6,8605,1734,5445,94511,65912,621Provisions3,2433,9143,5144,0214,5545,179Net Current Assets10,39615,52120,32914,62822,64127,913	Loans & Advances	0	0	-	1,000	1,106	1,198
Sundry Creditors 16,478 16,254 18,036 27,052 21,860 21,036 Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Other Current Assets	3,816	2,656	3,045	3,282	3,630	3,930
Other Liabilities 6,860 5,173 4,544 5,945 11,659 12,621 Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Current Liab. & Prov.	26,581	25,341	26,093	37,018	38,073	38,837
Provisions 3,243 3,914 3,514 4,021 4,554 5,179 Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Sundry Creditors	16,478	16,254	18,036	27,052	21,860	21,036
Net Current Assets 10,396 15,521 20,329 14,628 22,641 27,913	Other Liabilities	6,860	5,173	4,544	5,945	11,659	12,621
	Provisions	3,243	3,914	3,514	4,021	4,554	5,179
Application of Funds 69,706 106,635 113,257 131,509 142,604 156,275	Net Current Assets	10,396	15,521	20,329	14,628	22,641	27,913
	Application of Funds	69,706	106,635	113,257	131,509	142,604	156,275

Source: Company, YES Sec



Exhibit 6: Income statement

Y/E March	2021	2022	2023	2024	2025E	2026E
Total Operating Income	100,408	124,101	145,919	160,292	177,312	191,951
Change (%)	1.9	23.6	17.6	9.8	10.6	8.3
Total Expenditure	86,853	110,119	130,239	141,578	155,370	166,624
EBITDA	13,556	13,983	15,680	18,714	21,942	25,327
EBITDA Margins (%)	13.5	11.3	10.7	11.7	12.4	13.2
Change (%)	(0.7)	3.1	12.1	19.3	17.2	15.4
Depreciation	3,794	4,131	4,558	4,975	4,803	5,004
EBIT	9,762	9,851	11,122	13,739	17,139	20,322
Deferred Revenue Exp.	-	-	-	-	-	-
Interest Charges	238	394	295	486	340	408
Other Income	654	805	1,324	845	827	1,429
EO Exp/(Inc)	-	(46,938)	-	-	-	-
РВТ	10,179	57,199	12,151	14,099	17,626	21,343
Тах	2,596	10,356	3,115	3,569	4,407	5,122
Effective Rate (%)	25.5	18.1	25.6	25.3	25.0	24.0
Rep. PAT	7,583	46,843	9,036	10,530	13,220	16,221
Change (%)	(8.1)	517.8	(80.7)	16.5	25.5	22.7
Adj. PAT	7,583	8,404	9,036	10,530	13,220	16,221
Change (%)	(10.0)	10.8	7.5	16.5	25.5	22.7

Source: Company, YES Sec

Exhibit 7: Cash Flow Statement

OP/(Loss) before Tax 10,179 57,199 12,151 14,099 17,139 20,32 Interest/Dividends Received (365) (156) (233) (237) 827 1,42 Depreciation & Amortisation 3,794 4,131 4,558 4,975 4,803 5,000 Direct Taxes Paid (2,721) (10,472) (3,212) (3,707) (4,407) (5,12) (Inc)/Dec in Working Capital 3,044 (3,479) (4,538) 4,874 (5,755) (3,87 Other Items 203 (93,957) (242) (38) -	Y/E March	2021	2022	2023	2024	2025E	2026E
Interest/Dividends Received (365) (156) (233) (237) 827 1,42 Depreciation & Amortisation 3,794 4,131 4,558 4,975 4,803 5,000 Direct Taxes Paid (2,721) (10,472) (3,212) (3,707) (4,407) (5,12) (Inc)/Dec in Working Capital 3,044 (3,479) (4,538) 4,874 (5,755) (3,87) Other Items 203 (93,957) (242) (38) - - CF from Oper. Activity 14,134 (46,733) 8,484 19,965 12,607 17,75 Other Items - - - - - - - - Extra-ordinary Items - 46,938 -	OP/(Loss) before Tax						20,322
Depreciation & Amortisation 3,794 4,131 4,558 4,975 4,803 5,00 Direct Taxes Paid (2,721) (10,472) (3,212) (3,707) (4,407) (5,12 (Inc)/Dec in Working Capital 3,044 (3,479) (4,538) 4,874 (5,755) (3,87 Other Items 203 (93,957) (242) (38) - - CF from Oper. Activity 14,134 (46,733) 8,484 19,965 12,607 17,75 Other Items - - - - - - - - - Other Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,755 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,844) (5,400) CF from Inv. Ac	Interest/Dividends Received	,					1,429
(Inc)/Dec in Working Capital 3,044 (3,479) (4,538) 4,874 (5,755) (3,87) Other Items 203 (93,957) (242) (38) - CF from Oper. Activity 14,134 (46,733) 8,484 19,965 12,607 17,75 Extra-ordinary Items - - - - - - - Other Items 14,134 205 8,484 19,965 12,607 17,75 Other Items - - - - - - - CF after EO Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,755 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,400) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,400) Incr(Dec) in Debt <t< td=""><td>Depreciation & Amortisation</td><td>3,794</td><td>4,131</td><td></td><td>4,975</td><td>4,803</td><td>5,004</td></t<>	Depreciation & Amortisation	3,794	4,131		4,975	4,803	5,004
Other Items 203 (93,957) (242) (38) - CF from Oper. Activity 14,134 (46,733) 8,484 19,965 12,607 17,75 Extra-ordinary Items - 46,938 - - - Other Items - - - - - Other Items - - - - - CF after EO Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,755 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,400) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,400) Inc/(Dec) in Debt (244) (67) (101) - - - 0 ((1 Interest Rec./(Paid) (45) (482) (360) (601) (340)	Direct Taxes Paid	(2,721)	(10,472)	(3,212)	(3,707)	(4,407)	(5,122)
CF from Oper. Activity 14,134 (46,733) 8,484 19,965 12,607 17,75 Extra-ordinary Items - 46,938 - - - Other Items - - - - - CF after EO Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,75 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,400) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,400) Issue of Equity - - - 0 (ctilic) (ctilic) (ctilic) (ctilic) (ctilic) Interest Rec./(Paid) (45) (482) (360) (601) (340) (400) Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) (2,55) <	(Inc)/Dec in Working Capital	3,044	(3,479)	(4,538)	4,874	(5,755)	(3,879)
Extra-ordinary Items - 46,938 - - - Other Items - - - - - CF after EO Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,00) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,75 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,40) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,40) Issue of Equity - - - 0 (0) Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (40) Dividends Paid (1,700) (1,700) - (1,700) (2,2301) (2,465) (2,95)	Other Items	203	(93,957)	(242)	(38)	-	-
Other Items - <th< td=""><td>CF from Oper. Activity</td><td>14,134</td><td>(46,733)</td><td>8,484</td><td>19,965</td><td>12,607</td><td>17,755</td></th<>	CF from Oper. Activity	14,134	(46,733)	8,484	19,965	12,607	17,755
Other Items - <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
CF after EO Items 14,134 205 8,484 19,965 12,607 17,75 (Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,755 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,400) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,400) Issue of Equity - - - 0 (0 Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (400) Dividends Paid (1,700) (1,700) - (1,700) (2,249) (461) (2,301) (2,465) (2,55)	Extra-ordinary Items	-	46,938	-	-	-	-
(Inc)/Dec in FA+CWIP (3,384) (5,795) (3,716) (4,903) (6,000) (8,000) Free Cash Flow 10,750 (52,528) 4,768 15,063 6,607 9,755 (Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,400) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,400) Issue of Equity - - 0 (0) Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (400) Dividends Paid (1,700) (1,700) - (1,700) (2,249) (461) (2,301) (2,465) (2,95)	Other Items	-	-	-	-	-	-
Free Cash Flow 10,750 (5,750) (1,760) (1,960) (2,960)<	CF after EO Items	14,134	205	8,484	19,965	12,607	17,755
(Pur)/Sale of Invest. (9,385) 8,549 (5,162) (11,269) (1,884) (5,40) CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,40) Issue of Equity - - - 0 (0) Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (40) Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)	(Inc)/Dec in FA+CWIP	(3,384)	(5,795)	(3,716)	(4,903)	(6,000)	(8,000)
CF from Inv. Activity (12,769) 2,754 (8,878) (16,172) (7,884) (13,404) Issue of Equity - - - 0 ((10,172)) (10,172)	Free Cash Flow	10,750	(52,528)	4,768	15,063	6,607	9,755
Issue of Equity - - - 0 ((1) Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (40) Dividends Paid (1,700) (1,700) - (1,700) (2,249) (461) (2,301) (2,465) (2,95)	(Pur)/Sale of Invest.	(9,385)	8,549	(5,162)	(11,269)	(1,884)	(5,404)
Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (400) Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)	CF from Inv. Activity	(12,769)	2,754	(8,878)	(16,172)	(7,884)	(13,404)
Inc/(Dec) in Debt (244) (67) (101) - - Interest Rec./(Paid) (45) (482) (360) (601) (340) (400) Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)							
Interest Rec./(Paid) (45) (482) (360) (601) (340) (40) Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)	Issue of Equity	-	-	-	-	0	(0)
Dividends Paid (1,700) (1,700) - (1,700) (2,125) (2,55) CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)	Inc/(Dec) in Debt	(244)	(67)	(101)	-	-	-
CF from Fin. Activity (1,989) (2,249) (461) (2,301) (2,465) (2,95)	Interest Rec./(Paid)	(45)	(482)	(360)	(601)	(340)	(408)
	Dividends Paid	(1,700)	(1,700)	-	(1,700)	(2,125)	(2,550)
	CF from Fin. Activity	(1,989)	(2,249)	(461)	(2,301)	(2,465)	(2,958)
Inc/(Dec) in Cash (623) 709 (855) 1,493 2,258 1,39	Inc/(Dec) in Cash	(623)	709	(855)	1,493	2,258	1,393
Add: Beginning Balance 1,449 825 1,614 745 2,227 4,48	Add: Beginning Balance	1,449	825	1,614	745	2,227	4,485
Closing Balance 825 1,534 759 2,238 4,485 5,87	Closing Balance	825	1,534	759	2,238	4,485	5,877

Source- Company, YES Sec

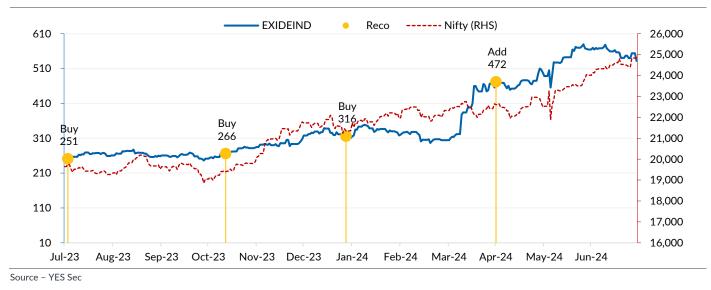


Exhibit 8: Growth and Ratio matrix

Y/E March	2021	2022	2023	2024	2025E	2026E
Basic (INR)						
EPS	8.9	9.9	10.6	12.4	15.6	19.1
Cash EPS	13.4	14.7	16.0	18.2	21.2	25.0
Book Value per Share	81.1	124.7	131.9	154.6	167.6	183.7
DPS	2.0	3.2	2.0	2.0	2.5	3.0
Payout (Incl. Div. Tax) %	22.4	32.4	18.8	16.1	16.1	15.7
Valuation (x)						
P/E	59.6	53.8	50.0	42.9	34.2	27.9
Cash P/E	39.7	36.1	33.3	29.2	25.1	21.3
EV/EBITDA	31.0	27.9	24.7	19.4	16.4	13.9
EV/Sales	4.2	3.1	2.7	2.3	2.0	1.8
Price to Book Value	6.6	4.3	4.0	3.4	3.2	2.9
Dividend Yield (%)	0.4	0.6	0.4	0.4	0.5	0.6
Profitability Ratios (%)						
RoE	11.0	7.9	8.1	8.0	9.3	10.4
RoCE	11.8	10.0	8.5	8.9	9.8	11.1
RoIC	19.4	20.9	18.5	23.0	28.9	30.0
Turnover Ratios						
Debtors (Days)	32.3	35.1	31.9	28.8	32.0	32.0
Inventory (Days)	85.3	72.5	74.8	74.0	74.0	74.0
Creditors (Days)	59.9	47.8	45.1	61.6	45.0	40.0
Working Capital (Days)	57.6	59.8	61.5	41.2	61.0	66.0
Gross Fixed Asset Turnover (x)	2.3	2.6	2.7	2.8	2.8	2.7
Leverage Ratio						
Debt/Equity (x)	-	-	-	-	-	-

Source- Company, 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.

- (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.

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:



DISCLOSURE OF INTEREST

Name of the Research Analyst : Deep Shah

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

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 SEBIregistered 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.