Reliance Industries

Earnings remain strong

Our ADD rating on Reliance Industries (RIL) with a price target of INR 2,735/sh is premised on (1) recovery in the O2C businesses; (2) EBITDA growth in the digital business, driven by improvement in ARPU, subscriber addition, and new revenue streams; and (3) potential for further value unlocking in the digital and retail businesses. RIL's consolidated EBITDA stood at INR 352bn (+19% YoY; +13% QoQ, HSIE: INR 344bn), above our estimate, while APAT stood at INR 158bn (-3.2% YoY, +16% QoQ), marginally below our estimate. Earnings were mainly driven by improvement in the O2C and E&P segments.

- Oil to chemicals (O2C) segment: O2C EBITDA improved to INR 139bn (+3% YoY, +16% QoQ), owing to an improvement in middle distillate cracks; however, it was partially offset by weak margins in light distillates, polymer and polyester chain products. The O2C earnings were impacted by INR 19bn due to the continued levy of special additional export duty on transportation fuels. Crude throughput came in at 18.8mmt (+1% QoQ), while production meant for sale stood at 16.2mmt, flat QoQ, due to planned maintenance and inspection activity in Q3.
- Oil & gas: Revenue grew to INR 45bn (~2x YoY, +16% QoQ) while EBITDA improved to INR 39bn (~2x YoY, +22% QoQ), led by improvement in price realisation and higher production from the KG D6 block. The average KG D6 production for Q3 was at ~19MMSCMD, up +6% YoY, flat QoQ. Production may improve further as the MJ field is likely to start production from Q4FY23 onwards.
- RJPL: Revenue improved to INR 292bn (+21% YoY, +2% QoQ) due to a higher ARPU of INR 178 (+18% YoY, +1% QoQ). Gross subscriber addition in Q3 was at 34.2mn, while net subscriber addition improved by 5.3mn QoQ. The total customer base stood at 432.9mn in Q3. In Q3, RIL's net debt increased to INR 1,102bn (vs net debt of INR 933bn, as of Sep-22) largely on account of higher Capex funding towards 5G roll out and ramp-up in retail operations.
- Reliance Retail (RR): Net revenue grew +19% YoY to INR601bn (largely inline). Core retail revenue is estimated to have clocked ~17% YoY (three-year CAGR: 18%) to ~INR 444bn (HSIE: 449bn). RR's registered customer base hit 235mn; +31% YoY. Digital+New Commerce contribution remains healthy at 18% of core retail sales. Adj EBITDA (excl. INR 1.2bn investment income) grew 33% (3-year CAGR: 20%) to INR 47bn (HSIE: INR 46bn). Adj/core retail EBITDAM expanded 82/125 bps YoY to 7.7/9.4% (HSIE: 7.7/9.2%). RR added 789 stores/6mn sq. ft in Q3 taking the store count to 17,225 stores).
- Valuation: We use EV/EBITDA to value downstream at Mar-24E EV/e, retail on peer benchmarked EV/e and E&P and Jio on DCF. The stock is currently trading at 10.7x Mar-24E EV/EBITDA and 19.8x Mar-24E EPS.

Financial summary—consolidated

I manicial saminary	COIL	onau								
Year Ending March (INR bn)	Q3 FY23	Q2 FY23	QoQ (%)	Q3 FY22	YoY (%)	FY21	FY22	FY23E	FY24E	FY25E
Net Sales	2,172	2,301	(5.6)	1,850	17.4	4,669	7,000	11,190	11,329	12,184
EBITDA	352	312	12.9	297	18.7	807	1,105	1,434	1,721	1,870
PAT	158	137	15.6	163	(3.2)	437	584	693	834	890
Diluted EPS (INR)	23.3	20.2	15.6	24.1	(3.2)	67.8	86.4	102.4	123.3	131.5
P/E (x)						36.0	28.3	23.9	19.8	18.6
EV / EBITDA (x)						23.0	17.3	12.9	10.7	9.8
RoE (%)						7.6	7.9	8.5	9.5	9.3

Source: Company, HSIE Research

CMP (as on 20	INR 2,443	
Target Price		INR 2,735
NIFTY		18,028
KEY CHANGES	OLD	NEW
Rating	ADD	ADD
Price Target	INR 2,708	INR 2,735
EPS %	FY23E	FY24E
EF5 %	-8.4%	-7.8%

KEY STOCK DATA

Bloomberg code	RIL IN
No. of Shares (mn)	6,765
MCap (INR bn) / (\$ mn)	16,526/2,03,581
6m avg traded value (IN	R mn) 13,978
52 Week high / low	INR 2,856/2,180

STOCK PERFORMANCE (%)

	3M	6 M	12M
Absolute (%)	(2.3)	(2.4)	(1.4)
Relative (%)	(4.7)	(11.8)	(3.3)

SHAREHOLDING PATTERN (%)

	Sep-22	Dec-22
Promoters	50.57	50.49
FIs & Local MFs	16.07	15.34
FPIs	22.61	23.49
Public & Others	10.75	10.68
Pledged Shares	0.0	0.0
Source : BSE		

Harshad Katkar

harshad.katkar@hdfcsec.com +91-22-6171-7319

Nilesh Ghuge

nilesh.ghuge@hdfcsec.com +91-22-6171-7342

Jay Gandhi

jay.gandhi@hdfcsec.com +91-22-6171-7320

Akshay Mane

akshay.mane@hdfcsec.com +91-22-6171-7338

Rutvi Chokshi

rutvi.chokshi@hdfcsec.com +91-22-6171-7356





Quarterly Consolidated Financial Snapshot

(INR bn)	Q3FY23	Q2FY23	QoQ (%)	Q3FY22	YoY (%)
Revenues	2,172	2,301	(5.6)	1,850	17.4
Material Expenses	1,457	1,596	(8.7)	1,262	15.5
Employee Expenses	63	62	1.9	47	34.5
Other Operating Expenses	299	331	(9.6)	245	22.1
EBIDTA	352	312	12.9	297	18.7
Depreciation	102	97	4.7	77	32.6
EBIT	251	215	16.6	220	13.8
Other Income (incl EO items)	31	35	(10.4)	69	(54.3)
Interest Cost	52	46	14.2	38	36.4
PBT	230	205	12.5	251	(8.3)
Tax	53	49	8.2	47	12.3
RPAT	177	156	13.8	204	(13.1)
Profit/Loss of Associate Company	1	(1)	188.0	1	(50.4)
Minority Interest	20	19	8.5	20	1.2
EO (Loss) / Profit (Net Of Tax)	-	-	#DIV/0!	22	(100.0)
APAT	158	137	15.6	163	(3.2)
EPS	23.3	20.2	15.6	24.1	(3.2)

Source: Company, HSIE Research

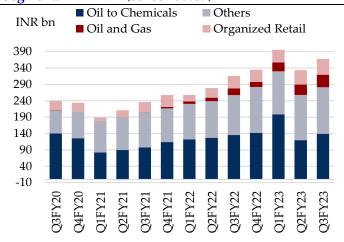
Quarterly Consolidated Segmental Snapshot

(INR bn)	Q3FY23	Q2FY23	QoQ (%)	Q3FY22	YoY (%)
Segmental Revenues					
Oil to Chemicals (O2C)	1,446	1,597	(9.4)	1,314	10.0
Oil and Gas	45	39	16.1	26	74.8
Organised Retail	676	649	4.2	577	17.2
Digital Services	303	296	2.7	252	20.4
Others	198	216	(8.5)	165	20.4
Gross revenue	2,669	2,797	(4.6)	2,334	14.4
Less: Inter Segment Transfers	259	262	(0.9)	235	10.2
Value of Sales & Services	2,410	2,535	(4.9)	2,098	14.8
Less: GST Recovered	204	206	(1.3)	186	9.8
Revenue from Operations	2,206	2,329	(5.3)	1,913	15.3
Segmental Results Before Interest,	Гах & Exceptiona	<u>ls</u>			
Oil to Chemicals (O2C)	119	98	21.6	117	1.9
Oil and Gas	32	25	27.8	13	141.9
Organised Retail	37	35	5.3	32	14.7
Digital Services	75	73	2.6	63	19.8
Others	3	5	(32.2)	15	(78.6)
Total	267	236	12.9	240	11.2
EBIT Margins (%)					
Oil to Chemicals (O2C)	8.2	6.1	210	8.9	(66)
Oil and Gas	71.7	65.1	654	51.8	1,986
Organised Retail	5.5	5.5	6	5.6	(12)
Digital Services	24.9	24.9	(0)	25.0	(13)
Others	1.6	2.1	(55)	8.9	(730)
Source: Company HSIE Research					

Reliance Industries: Results Review Q3FY23 Story in Charts

HDFC securities Click. Invest. Grow. YEARS INSTITUTIONAL RESEARCH

Segmental EBITDA (consolidated)

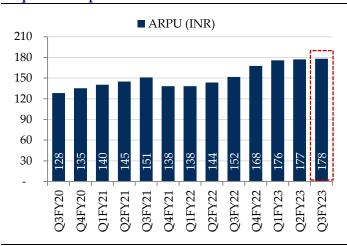


Source: Company, HSIE Research

Source: Company, HSIE Research

Jio Platforms

Sequential improvement in ARPU...



Source: Company, HSIE Research

...as well as subscriber base in Q3



Reliance Jio Platforms

Quarterly Financial Snapshot (Consolidated)

(INR bn)	Q3FY23	Q2FY23	QoQ (%)	Q3FY22	YoY (%)
Value from Services	292	285	2.4	242	20.8
Revenue from Operations	249	243	2.5	206	20.9
EBITDA	125	120	4.2	100	25.1
EBITDA Margin %	50.3%	49.5%		48.6%	
D&A	49	46	6.3	37	34.3
EBIT	76	74	2.9	63	19.8
Finance Costs	10	10	2.5	13	(16.7)
Profit before Tax	66	64	3.0	51	28.8
Net Profit	49	47	3.2	38	28.6

Source: Company, HSIE Research

Quarterly Operational Snapshot

	Q3FY23	Q2FY23	QoQ (%)	Q3FY22	YoY (%)
Closing Subs (Mn)	433	428	1.2	421	2.8
Gross Adds (Mn)	34	33	4.6	35	(1.2)
Churn (Mn)	29	25	15.6	43	(32.8)
Net Adds (Mn)	5	8	31.2	(8)	(163.1)
ARPU (Rs)	178	177	0.6	152	17.5
Data Usage (Mn GB)	28,950	28,230	2.6	23,400	23.7
Data Usage/Sub (GB/Month)	22	22	1.0	18	22.3
Minutes of Usage (Bn Mins)	1,271	1,232	3.2	1,149	10.6
MOU/Sub (Mins)	985	969	1.7	901	9.3

Reliance Retail

Quarterly Financial Snapshot

(INR bn)	Q3FY23	Q2FY23	QoQ %	Q3FY22	YoY%
Net Revenue	601	577	4.2	507	18.6
EBITDA	48	44	8.4	38	24.9
EBITDA margin %	7.9%	7.6%		7.5%	

Source: Company, HSIE Research

Change in estimates

		FY23E FY24E FY25			FY24E			Y23E FY24E FY25E	
	Old	New	% Ch	Old	New	% Ch	Old	New	% Ch
O2C business									
EBITDA (INR bn)	666	697	4.7	792	834	5.3	824	877	6.4
EPS (INR/share)	63.1	62.9	(0.4)	77.6	75.7	(2.5)	81.3	79.5	(2.2)
Jio									
Revenue (INR bn)	979	940	(4.0)	1,204	1,151	(4.4)	1,373	1,298	(5.5)
EBITDA (INR bn)	510	495	(3.0)	635	634	(0.1)	727	718	(1.4)
APAT (INR bn)	226	215	(5.1)	309	308	(0.2)	370	363	(2.0)
ARPU	170.6	163.0	(4.5)	193.8	183.9	(5.2)	208.1	194.3	(6.6)
Consolidated									
business									
EBITDA (INR bn)	1,468	1,434	(2.3)	1,735	1,721	(0.8)	1,887	1,870	(0.9)
EPS (INR/share)	111.8	102.4	(8.4)	133.7	123.3	(7.8)	143.4	131.5	(8.3)

Source: Company, HSIE Research

SOTP valuation

Business	EBIDTA (INR bn)	Multiple (x)	EV (INR bn)	Value per share (INR/sh)	Valuation basis
Petrochemicals	246	8.0	1,968	310	EV/EBITDA on Mar 24E
Refining	372	8.0	2,973	468	EV/EBITDA on Mar 24E
E & P			486	76	NPV
Retail	193	32.1	5,258	828	EV/EBITDA on Mar 24E
Telecom			5,365	845	NPV
Investments/CWIP			1,876	295	
Consol. net Debt/credit spectrum liabilities	ors for capex/defer	red	(556)	-87	As on Mar-24
Value per share			17,370	2,735	



Financials

Consolidated Income Statement

INR bn	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Revenues	3,917	5,692	5,975	4,669	7,000	11,190	11,329	12,184
Growth %	28.3	45.3	5.0	(21.9)	49.9	59.9	1.2	7.5
Raw Material	2,675	3,945	4,052	2,927	4,749	8,155	7,918	8,481
Employee Cost	95	125	141	148	188	210	225	240
Other Expenses	505	781	892	787	958	1,391	1,465	1,592
EBITDA	642	842	890	807	1,105	1,434	1,721	1,870
EBIDTA Margin (%)	16.4	14.8	14.9	17.3	15.8	12.8	15.2	15.3
EBITDA Growth %	38.9	31.2	5.8	(9.3)	36.8	29.8	20.0	8.7
Depreciation	167	209	222	266	298	389	433	483
EBIT	475	632	668	542	807	1,045	1,288	1,387
Other Income (Including EO Items)	99	84	87	220	178	184	192	199
Interest	81	165	220	212	146	190	203	203
PBT	494	551	535	549	839	1,039	1,276	1,382
Tax	133	154	137	17	163	263	327	359
RPAT before minority interest	360	397	398	532	676	776	949	1,024
Share of associates/Minority interest	1	(1)	(4)	(41)	(69)	(83)	(115)	(134)
RPAT after adjusting for Associates/Minority	361	396	394	491	607	693	834	890
interest	301	390	394			093	0.5-1	090
EO (Loss) / Profit (Net Of Tax)	-	-	(34)	54	23	-	-	-
APAT	361	396	427	437	584	693	834	890
APAT Growth (%)	20.6	9.7	8.0	2.2	33.8	18.5	20.4	6.7
AEPS	60.9	66.8	67.4	67.8	86.4	102.4	123.3	131.5
AEPS Growth %	20.6	9.7	0.9	0.5	27.5	18.5	20.4	6.7
Consolidated Balance Sheet								
INR bn	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
SOURCES OF FUNDS								
Share Capital	59	59	63	64	68	68	68	68
Reserves And Surplus	2,876	3,812	4,428	6,937	7,727	8,363	9,132	9,957
Total Equity	2,935	3,871	4,492	7,002	7,795	8,431	9,200	10,024
Minority Interest	35	83	122	993	1,095	1,150	1,207	1,268
Long-term Debt	1,442	2,075	1,976	1,637	1,877	1,784	1,692	1,602
Short-term Debt	746	800	1,387	881	786	631	625	612
Total Debt	2,188	2,875	3,363	2,518	2,663	2,414	2,317	2,214
Deferred Tax Liability	448	645	705	552	864	898	933	928
Long-term Provision	114	162	206	242	269	270	272	274
TOTAL SOURCES OF FUNDS	5,720	7,636	8,888	11,306	12,686	13,163	13,929	14,707
APPLICATION OF FUNDS								
Net Block	3,981	3,864	5,224	5,310	6,148	6,566	7,274	7,898
Capital WIP	1,870	1,795	1,091	1,260	1,725	1,625	1,467	1,366
Goodwill on consolidation	58	120	103	102	130	130	130	130
LT Loans And Advances	27	55	217	25	40	36	33	30
Non-current investments	253	1,646	2,039	2,124	2,861	2,861	2,861	2,861
Non-current assets	87	223	374	650	612	624	638	652
Total Non-current Assets	6,275	7,702	9,048	9,471	11,516	11,843	12,403	12,938
Inventories	608	676	739	817	1,078	1,059	1,052	1,120
Debtors	176	301	197	190	236	362	374	416
Cash and Cash Equivalent	43	111	309	174	362	552	481	492
ST Loans And Advances	108	5	7	1	1	-	-	-
Other Current Assets	328	471	602	1,024	712	1,031	1,033	1,110
Current investments	576	710	729	1,524	1,081	1,231	1,381	1,531
Total Current Assets	1,838	2,274	2,583	3,730	3,470	4,234	4,322	4,668
Creditors	1,069	1,083	968	1,089	1,593	2,176	2,040	2,123
Other Current Liabilities & Provns	1,324	1,257	1,775	805	707	739	756	776
Total Current Liabilities	2,393	2,340	2,743	1,894	2,301	2,915	2,796	2,899
Net Current Assets	(555)	(66)	(160)	1,836	1,170	1,320	1,526	1,769
TOTAL APPLICATION OF FUNDS	5,720	7,636	8,888	11,306	12,686	13,163	13,929	14,707

Reliance Industries: Results Review Q3FY23

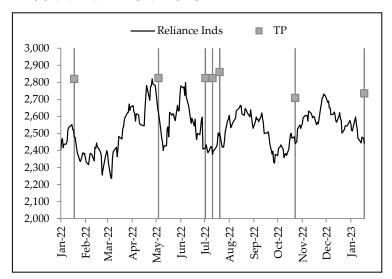


Consolidated Cash Flow

Consolitation Cush 110W								
YE March (INR bn)	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Reported PBT	494	551	535	549	839	1,039	1,276	1,382
Non-operating & EO Items	(99)	(85)	(57)	(315)	(269)	(268)	(306)	(332)
Interest Expenses	81	165	220	212	146	190	203	203
Depreciation	167	209	222	266	298	389	433	483
Working Capital Change	127	(420)	292	(2,131)	854	40	(277)	(232)
Tax Paid	(99)	44	(77)	(171)	149	(229)	(292)	(364)
OPERATING CASH FLOW (a)	670	464	1,134	(1,589)	2,016	1,161	1,037	1,140
Capex	(843)	(79)	(861)	(520)	(1,629)	(707)	(983)	(1,007)
Free Cash Flow (FCF)	(173)	385	273	(2,110)	387	454	55	133
Investments	4	(1,394)	(392)	(85)	(738)	-	-	-
Non-operating Income	99	84	87	220	178	184	192	199
Others	(3)	(165)	(313)	(83)	23	(9)	(10)	(11)
INVESTING CASH FLOW (b)	(743)	(1,553)	(1,480)	(469)	(2,166)	(532)	(801)	(819)
Debt Issuance/(Repaid)	222	687	488	(845)	145	(249)	(97)	(103)
Interest Expenses	(81)	(165)	(220)	(212)	(146)	(190)	(203)	(203)
FCFE	(32)	908	541	(3,166)	386	15	(246)	(174)
Share Capital Issuance	30	0	4	1	3	0	-	-
Dividend	(39)	(43)	(46)	(39)	(43)	(47)	(54)	(54)
Others	(46)	678	318	3,018	378	47	48	51
FINANCING CASH FLOW (c)	85	1,157	544	1,923	337	(439)	(307)	(310)
NET CASH FLOW (a+b+c)	12	68	198	(135)	188	190	(70)	11
EO Items, Others	-	-	-	-	-	-	-	-
Closing Cash & Equivalents	43	111	309	174	362	552	481	492
Key Ratios								
Ratios	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
PROFITABILITY %								
EBITDA Margin	16.4	14.8	14.9	17.3	15.8	12.8	15.2	15.3
EBIT Margin	12.1	11.1	11.2	11.6	11.5	9.3	11.4	11.4
APAT Margin	9.2	7.0	7.2	9.4	8.3	6.2	7.4	7.3
RoE	12.9	11.6	10.2	7.6	7.9	8.5	9.5	9.3
RoIC	13.7	12.2	11.3	6.6	7.3	8.9	9.9	9.5
RoCE	7.7	7.7	7.2	6.4	5.9	6.5	7.3	7.3
EFFICIENCY								
Tax Rate %	27.0	27.9	25.7	3.1	19.4	25.3	25.6	25.9
Fixed Asset Turnover (x)	0.8	1.0	0.9	0.6	0.8	1.2	1.1	1.1
Inventory (days)	57	43	45	64	56	35	34	34
Debtor (days)	16	19	12	15	12	12	12	12
Other Current Assets (days)	41	31	37	80	37	34	33	33
Payables (days)	146	100	87	136	122	97	94	91
Other Current Liab & Provns (days)	181	116	160	100	54	33	35	33
Cash Conversion Cycle (days)	(213)	(123)	(153)	(77)	(71)	(50)	(50)	(46)
Net Debt/EBITDA (x)	2.4	2.4	2.6	1.0	1.1	0.4	0.3	0.1
Net D/E	0.5	0.5	0.5	0.1	0.2	0.1	0.0	0.0
Interest Coverage	5.9	3.8	3.0	2.6	5.5	5.5	6.3	6.8
PER SHARE DATA (Rs)								
EPS	60.9	66.8	67.4	67.8	86.4	102.4	123.3	131.5
CEPS	85.6	97.7	100.2	107.1	130.4	159.9	187.3	202.9
Dividend	6.0	6.1	5.7	5.8	6.4	7.0	8.0	8.0
Book Value	433.8	572.1	663.9	1,034.8	1,152.1	1,246.0	1,359.7	1,481.6
VALUATION								
P/E (x)	40.5	37.0	36.6	36.4	28.3	23.9	19.8	18.6
P/Cash EPS (x)	28.9	25.3	24.6	23.1	18.7	15.3	13.0	12.0
P/BV (x)	5.7	4.3	3.7	2.4	2.1	2.0	1.8	1.6
EV/EBITDA (x)	28.9	22.7	21.8	23.3	17.3	12.9	10.7	9.8
EV/Revenue (x)	4.7	3.4	3.2	4.0	2.7	1.7	1.6	1.5
Dividend Yield (%)	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
OCF/EV (%)	3.6	2.4	5.8	(8.5)	10.6	6.3	5.6	6.2
FCFF/EV (%)	(0.9)	2.0	1.4	(11.2)	2.0	2.4	0.3	0.7
FCFE/M Cap (%)	(0.2)	5.3	3.2	(18.7)	2.3	0.1	(1.5)	(1.0)
1 C1 E/141 Cap (70)	(0.2)	5.5	5.4	(10.7)	2.5	0.1	(1.5)	(1.0)



RECOMMENDATION HISTORY



Date	CMP	Reco	Target	
24-Jan-22	2,478	ADD	2,820	
9-May-22	2,621	ADD	2,825	
4-Jul-22	2,409	ADD	2,825	
14-Jul-22	2,378	ADD	2,825	
25-Jul-22	2,503	ADD	2,860	
25-Oct-22	2,470	ADD	2,708	
23-Jan-23	2,443	ADD	2,735	

Rating Criteria

BUY: >+15% return potential
ADD: +5% to +15% return potential
REDUCE: -10% to +5% return potential
SELL: >10% Downside return potential



Disclosure:

We, Harshad Katkar, MBA, Nilesh Ghuge, MMS, Jay Gandhi, MBA, Akshay Mane, PGDM & Rutvi Chokshi, CA authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. SEBI conducted the inspection and based on their observations have issued advise/warning. The said observations have been complied with. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

Research Analyst or his/her relative or HDFC Securities Ltd. does have/ does not have any financial interest in the subject company. Also Research Analyst or his relative or HDFC Securities Ltd. or its Associate may have beneficial ownership of 1% or more in the subject company at the end of the month immediately preceding the date of publication of the Research Report. Further Research Analyst or his relative or HDFC Securities Ltd. or its associate does have/does not have any material conflict of interest.

Any holding in stock -NO

HDFC Securities Limited (HSL) is a SEBI Registered Research Analyst having registration no. INH000002475.

Disclaimer:

This report has been prepared by HDFC Securities Ltd and is solely for information of the recipient only. The report must not be used as a singular basis of any investment decision. The views herein are of a general nature and do not consider the risk appetite or the particular circumstances of an individual investor; readers are requested to take professional advice before investing. Nothing in this document should be construed as investment advice. Each recipient of this document should make such investigations as they deem necessary to arrive at an independent evaluation of an investment in securities of the companies referred to in this document (including merits and risks) and should consult their own advisors to determine merits and risks of such investment. The information and opinions contained herein have been compiled or arrived at, based upon information obtained in good faith from sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. Descriptions of any company or companies or their securities mentioned herein are not intended to be complete. HSL is not obliged to update this report for such changes. HSL has the right to make changes and modifications at any time.

This report is not directed to, or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity who is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject HSL or its affiliates to any registration or licensing requirement within such jurisdiction.

If this report is inadvertently sent or has reached any person in such country, especially, United States of America, the same should be ignored and brought to the attention of the sender. This document may not be reproduced, distributed or published in whole or in part, directly or indirectly, for any purposes or in any manner.

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations, which could have an adverse effect on their value or price, or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies effectively assume currency risk. It should not be considered to be taken as an offer to sell or a solicitation to buy any security.

This document is not, and should not, be construed as an offer or solicitation of an offer, to buy or sell any securities or other financial instruments. This report should not be construed as an invitation or solicitation to do business with HSL. HSL may from time to time solicit from, or perform broking, or other services for, any company mentioned in this mail and/or its attachments.

HSL and its affiliated company(ies), their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

HSL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on basis of this report, including but not restricted to, fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

HSL and other group companies, its directors, associates, employees may have various positions in any of the stocks, securities and financial instruments dealt in the report, or may make sell or purchase or other deals in these securities from time to time or may deal in other securities of the companies / organizations described in this report.

HSL or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

HSL or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from t date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction in the normal course of business.

HSL or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither HSL nor Research Analysts have any material conflict of interest at the time of publication of this report. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. HSL may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Research entity has not been engaged in market making activity for the subject company. Research analyst has not served as an officer, director or employee of the subject company. We have not received any compensation/benefits from the subject company or third party in connection with the Research Report.

HDFC securities Limited, I Think Techno Campus, Building - B, "Alpha", Office Floor 8, Near Kanjurmarg Station, Opp. Crompton Greaves, Kanjurmarg (East), Mumbai 400 042 Phone: (022) 3075 3400 Fax: (022) 2496 5066

Compliance Officer: Murli V Karkera Email: complianceofficer@hdfcsec.com Phone: (022) 3045 3600

HDFC Securities Limited, SEBI Reg. No.: NSE, BSE, MSEI, MCX: INZ000186937; AMFI Reg. No. ARN: 13549; PFRDA Reg. No. POP: 11092018; IRDA Corporate Agent License No.: CA0062; SEBI Research Analyst Reg. No.: INH000002475; SEBI Investment Adviser Reg. No.: INA000011538; CIN - U67120MH2000PLC152193 Mutual Funds Investments are subject to market risk. Please read the offer and scheme related documents carefully before investing.

HDFC securities

Institutional Equities

Unit No. 1602, 16th Floor, Tower A, Peninsula Business Park, Senapati Bapat Marg, Lower Parel, Mumbai - 400 013 Board: +91-22-6171-7330 www.hdfcsec.com