

Majesco

BUY

INDUSTRY	I	IT PRODUCTS						
CMP (as on 07	Nov 201	<i>!7)</i> I	Rs 533					
Target Price		ı	Rs 680					
Nifty	10,35							
Sensex		33,371						
KEY STOCK DATA								
Bloomberg	Bloomberg							
No. of Shares (n	nn)	nn) 24						
MCap (Rs bn) / (MCap (Rs bn) / (\$ mn)							
6m avg traded v	alue (Rs r	mn)	104					
STOCK PERFORI	MANCE (9	%)						
52 Week high /	low	Rs 5	91/299					
	3M	6M	12M					
Absolute (%)	47.2	47.9	28.1					
Relative (%)	43.8	36.2	6.6					
SHAREHOLDING	PATTER	N (%)						

48.06

7.98

0.99

42.97

Amit Chandra

Promoters

FPIs

FIs & Local MFs

Public & Others

Source: BSF

amit.chandra@hdfcsec.com +91-22-6171-7345

Apurva Prasad

apurva.prasad@hdfcsec.com +91-22-6171-7327

Back on track

Majesco delivered strong growth in 2QFY18, after four consecutive quarters of revenue decline. Revenue grew 8.7% QoQ to USD 30.3mn vs est. of USD 30.8mn. The first cloud deal win (MetLife) from the IBM partnership is driving growth (cloud revenue was up 28% QoQ, 31% of revenue), and ~83% incremental revenue was from cloud.

Positive takeaways are (1) 24.8% YoY growth in 12-month executable order book to USD 77.5mn, (2) Improving deal wins within the Tier-1 US P&C space, and (3) 80% of the deal pipeline is cloud, hence there is a clear transition from the onpremise model to cloud. The IBM alliance is strategically very crucial for Majesco, and can drive significant growth ahead. The total opportunity size of the partnership is ~USD 300-400mn over a five-year period.

We maintain our positive stance on Majesco based on (1) Rising adoption of third-party software by US P&C insurance majors, (2) IBM partnership benefits, (3) Improving deal wins within Tier-1, and (4) A ramp-up in cloud subscription revenues (higher

margins). We increase our EV/revenue multiple to 2.0x (earlier 1.8x), based on better visibility and maintain BUY with a TP of Rs 680 (28% upside from CMP).

Highlights of the quarter

- INR revenue stood at Rs 1.99bn, up 8.8% QoQ. EBITDA% improved to 1.1% vs -2.9% in the last quarter, led by revenue growth. R&D expenses were up 8% QoQ, owing to higher development cost for the IBM platform.
- Professional services (52% of rev, -1.3% QoQ) was the key revenue deterrent, impacted by the shift to cloud. P&C/L&A (79/18% of rev) were up 7.6/4.1% QoQ. Two new clients were added, and Top-5 clients' revenue was up 33% QoQ, led by the IBM channel.
- Near-term outlook: 3QFY18 should witness further improvement in the order book. Traction in cloud (implementation and subscription) will drive revenue growth and margins will expand with top-line growth. New deal wins from the IBM channel will trigger further re-rating.

Financial Summary (Consolidated)

YE March (Rs mn)	2QFY18	2QFY17	YoY (%)	1QFY18	QoQ (%)	FY16	FY17	FY18E	FY19E	FY20E
Net Revenue	1,991	2,111	(5.7)	1,830	8.8	7,571	8,281	8,308	9,976	12,077
EBITDA	22	124	(82.5)	(52)	NM	99	322	349	803	1,271
APAT	0.5	52	NM	(32)	NM	116	116	137	362	621
Diluted EPS (Rs)	0.0	2.2	NM	(1.4)	NM	4.9	4.9	5.8	15.4	26.4
P/E (x)						108.5	108.1	91.5	34.7	20.2
EV / Sales (x)						1.6	1.4	1.4	1.2	0.9
RoE (%)						4.2%	4.1%	4.6%	11.2%	16.9%



USD revenue grew, led by growth in cloud revenue; incremental revenue is coming mostly from the cloud rampup

A shift is taking place from onpremise to cloud, which impacted legacy revenue (~35% of revenue)

EBITDA margin expanded owing to revenue growth offset by higher R&D cost

SG&A and R&D will be at the same level, and will provide operating leverage with growth

The IBM partnership has started to yield results with a large deal win, and will be the future growth driver

Financials Snapshot (Consolidated)

Particulars	2QFY18	2QFY17	YoY (%)	1QFY18	QoQ (%)
Net Revenues (US \$mn)	30.3	31.0	(2.3)	27.9	8.7
Net Revenues	1,991	2,111	(5.7)	1,830	8.8
Employee Expenses	1,051	1,006	4.4	996	5.5
SG&A	655	688	(4.8)	641	2.1
R&D	264	293	(9.8)	244	8.0
EBITDA	22	124	(82.5)	(52)	NM
Depreciation	48	61	(21.5)	49	(0.8)
EBIT	(26)	63	NM	(101)	NM
Interest Cost	7	12	(41.5)	14	(50.0)
Other Income	26	20	34.7	17	55.3
PBT	(7)	71	NM	(98)	NM
Minority Interest	0	19	NM	(18)	NM
Tax	(7)	(0)	NM	(47)	NM
APAT	0	52	NM	(32)	NM
E/o (adj for tax)	106	0	NM	0	NM
RPAT	107	52	NM	(32)	NM

Source: Company, HDFC sec Inst Research

Margin Analysis

	2QFY18	2QFY17	YoY (%)	1QFY18	QoQ (%)
Employee Expenses % Net Sales	52.8	47.7	509	54.4	(168)
SG&A Expenses % Net Sales	32.9	32.6	30	35.1	(217)
R&D Expenses % Net Sales	13.3	13.9	(60)	13.4	(10)
Gross Margin %	47.2	52.3	(509)	45.6	168
EBITDA Margin (%)	1.1	5.9	(479)	(2.9)	395
EBIT Margin %	(1.3)	3.0	(431)	(5.5)	418
Tax Rate (%)	107.2	(0.6)	NM	48.6	NM
APAT Margin (%)	0.0	2.5	(244)	(1.7)	176



USD revenue bounced back after four consecutive quarters of decline

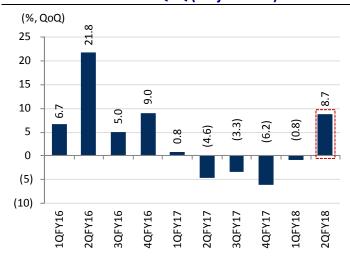
Posted negative YoY growth for the third time in the last ten quarters

We expect growth to resume in 2QFY18, and FY19E will reflect the benefits of cloud deal ramp-ups

Added two new clients in the quarter; active client base increased to 166

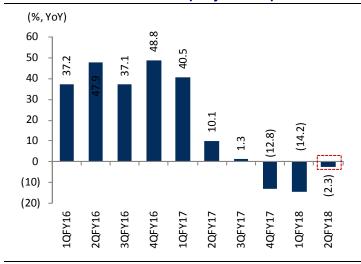
Significant improvement in the 12-month order book in 1HFY18 boosted confidence; provides ~65% revenue visibility

USD Revenue Growth QoQ (Majesco US)



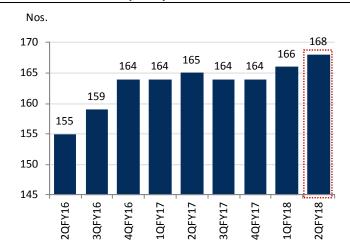
Source: Company, HDFC sec Inst Research

USD Revenue Growth YoY (Majesco US)



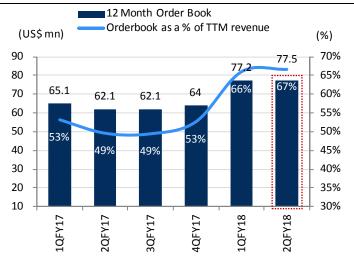
Source: Company, HDFC sec Inst Research

Active Client Base (Nos.)



Source: Company, HDFC sec Inst Research

12-Month Executable Order Book



Geographically, Majesco witnessed growth in its major market - US - after six quarters

Absence of on-premise deal wins led to lower licence revenue

Huge cloud opportunity is present across mid-tier P&C insurers in the US

Cloud revenue has grown at a CQGR of 6.8% over the last six quarters

Geographical Revenue Break-up

(% Contribution)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
North America	88.7	88.6	87.5	89.1	88.4	88.4	88.9
UK	7.2	7.3	7.3	6.3	6.0	5.3	4.7
Others	4.1	4.1	5.2	4.6	5.6	6.3	6.4
Total revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Geographical Revenue Growth

Growth (INR, QoQ %)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
North America	14.0	(0.7)	(5.3)	(0.9)	(7.9)	(4.1)	9.4
UK	(3.7)	(0.4)	(3.3)	(16.1)	(11.5)	(15.7)	(2.9)
Others	1.3	0.3	20.6	(13.7)	13.3	8.0	9.8
Total revenue	11.9	(0.7)	(4.1)	(2.7)	(7.1)	(4.1)	8.8

Source: Company, HDFC Sec Inst Research

Revenue Break-up By Segments

(% Contribution)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
License	10.1	1.9	4.6	3.2	1.4	1.3	1.3
Professional Services	57.3	63.6	60.2	62.3	64.7	57.4	52.0
Cloud	19.3	18.1	20.2	19.5	18.9	25.9	30.5
Support	13.3	16.4	15.0	15.0	15.0	15.4	16.2
Total revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Revenue Growth By Segments

Growth (INR, QoQ %)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
License	43.7	(81.3)	132.7	(32.7)	(58.9)	(13.8)	8.4
Professional Services	9.9	10.4	(9.4)	0.7	(3.5)	(15.0)	(1.3)
Cloud	17.1	(6.3)	6.6	(5.9)	(10.2)	31.5	28.1
Support	(2.9)	22.9	(12.7)	(2.6)	(6.9)	(1.2)	14.2
Total revenue	11.9	(0.4)	(4.3)	(2.7)	(7.1)	(4.1)	8.8



P&C saw a sharp jump in revenues, after four quarters of pain, led by the IBM deal

P&C revenue momentum will pick up, and will be the main revenue driver

The IBM partnership will open new avenues and provide direct access to the IBM sales channel (80% of major Insurance companies are on IBM legacy); expect more Tier-1 deal wins

Top-5 clients' revenues were up 33.0% QoQ, recovered after five quarters of decline

Revenue Break By Verticals

(% Contribution)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Property & Casualty	77.0	79.5	81.0	82.4	83.1	80.0	79.0
Life & Annuities	20.6	18.2	17.6	16.3	15.1	19.0	18.2
Non-Insurance	2.4	2.1	1.4	1.3	1.8	1.1	2.8
Total revenue	100.0	99.7	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Revenue Growth By Verticals

Growth (INR, QoQ %)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Property & Casualty	6.6	2.8	(2.5)	(0.9)	(6.4)	(7.7)	7.6
Life & Annuities	37.5	(11.8)	(7.5)	(10.1)	(13.9)	20.7	4.1
Non-Insurance	14.5	(15.5)	(34.8)	(9.7)	31.0	(44.7)	188.2
Total revenue	11.9	(0.4)	(4.3)	(2.7)	(7.1)	(4.1)	8.8

Source: Company, HDFC Sec Inst Research

Client Data

Client data	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Active client base (Nos.)	164	164	165	164	164	166	168
New Client additions (Nos.)	5	0	4	0	1	2	2
Cloud Customers	NA	29	NA	NA	30	31	32
Clients accounting for >5% of revenue (Nos.)	1	1	3	2	2	1	1

Source: Company, HDFC Sec Inst Research

Client Concentration

Client concentration (% of revenue)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Top-5 clients	30.0	28.3	28.0	28.0	23.7	23.4	28.6
Top-10 clients	43.0	42.2	40.9	42.0	37.5	39.5	43.7

Source: Company, HDFC Sec Inst Research

Top Clients Growth

Growth (INR, QoQ %)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Top-5 clients	25.8	(6.1)	(5.3)	(2.7)	(21.4)	(5.4)	33.0
Top-10 clients	18.3	(2.3)	(7.3)	(0.1)	(17.0)	1.0	20.4



With increased revenue visibility, Majesco has increased its technical employee base by 111 in 1HFY18

Headcount, Utilisation Data

Employee break-up (Nos.)	4QFY16	1QFY17	2QFY17	3QFY17	4QFY17	1QFY18	2QFY18
Total Headcount	2,465	2,487	2,355	2,302	2,312	2,395	2,423
Technical	2,251	2,253	2,117	2,047	2,057	2,143	2,163
Technical Support	131	144	150	168	167	164	175
Marketing	83	90	88	87	88	88	85
Net Additions	223	22	-132	-53	10	83	28

Source: Company, HDFC Sec Inst Research

Majesco Valuation Scenarios

Majesco Ltd	Bear Case	Base Case	Bull Case
Revenue (FY19E) (Rs mn)	9,704	10,782	11,861
Guidewire (EV/Revenue) (x)	7.0	7.0	7.0
Discount to Guidewire %	74	71	69
Target (EV/Revenue) (x)	1.8	2.0	2.2
Majesco EV (Rs mn)	17,467	21,629	26,093
Holding Discount %	35%	30%	25%
EV (Rs mn)	11,354	15,141	19,570
Less: Debt (Rs mn)	1,022	1,022	1,022
Add: Cash (Rs mn)	1,887	1,887	1,887
Add: Net QIP proceeds (Rs mn)	0	0	0
Market Cap (Rs mn)	12,220	16,006	20,436
No of Shares (Rs mn)	23.5	23.5	23.5
Target price per share (Rs)	519	680	868
Upside (%)	-2.7%	27.5%	62.8%

Source: HDFC sec Inst Research



Change In Estimates

Particulars	Earlier estimates	Revised estimates	% change
FY18E			
Revenue (US\$mn)	128	127	(0.7)
Revenue (Rsmn)	8,346	8,308	(0.5)
EBITDA (Rsmn)	468	349	(25.6)
EBITDA margin (%)	5.6	4.2	(142) bps
EPS (Rs)	8.1	5.8	(28.3)
FY19E			
Revenue (US\$mn)	155	153	(1.0)
Revenue (Rsmn)	10,080	9,976	(1.0)
EBITDA (Rsmn)	887	803	(9.5)
EBITDA margin (%)	8.8	8.0	(75)bps
EPS (Rs)	17.5	15.4	(11.9)

Source: HDFC sec Inst Research

Peer Valuations

Relative Valuation	Mcap CMP Rating Target (Rsbn) (Rs) (Rs)				EV/EBITDA (x)			EBITDA Margin (%)								
			FY17	FY18E	FY19E	FY20E	FY17	FY18E	FY19E	FY20E	FY17	FY18E	FY19E	FY20E		
Intellect	17.9	144	BUY	184	2.1	1.8	1.6	1.5	NM	31.0	15.2	10.9	(2.7)	5.8	10.8	13.5
Majesco	12.6	533	BUY	680	1.4	1.4	1.2	0.9	35.9	33.5	14.4	8.7	3.9	4.2	8.0	10.5

Source: HDFC sec Inst Research



Income Statement (Consolidated)

meonic statement (consonauted	,				
YE March (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
Net Revenues US\$	113	122	127	153	186
Growth (%)	42.9%	7.5%	4.5%	20.6%	21.1%
Net Revenues	7,571	8,281	8,308	9,976	12,077
Growth (%)	56.0%	9.4%	0.3%	20.1%	21.1%
Employee Cost	4,003	4,141	4,167	4,832	5,879
R&D expenses	1,036	1,124	1,091	1,237	1,327
SG&A expenses	2,433	2,694	2,701	3,104	3,601
EBIDTA	99	322	349	803	1,271
EBIDTA (%)	1.3%	3.9%	4.2%	8.0%	10.5%
EBIDTA Growth (%)	2.0%	225.3%	8.2%	130.4%	58.2%
Depreciation	179	217	201	223	250
EBIT	-79	105	148	580	1,021
Other Income	91	95	88	100	121
Interest	43	67	40	33	33
PBT	-31	133	196	647	1,109
Tax (Incl deffered)	-150	-13	5	129	222
Minority Interest and associate profit	3	31	54	155	266
EO items	46	30	-104	0	0
RPAT	70	86	242	362	621
APAT	116	116	137	362	621
APAT Growth (%)	316.4%	0.4%	18.2%	163.9%	71.4%
EPS	4.9	4.9	5.8	15.4	26.4
EPS Growth (%)	316.4%	0.4%	18.2%	163.9%	71.4%

Source: Company, HDFC sec Inst Research

Balance Sheet (Consolidated)

<u></u>					
YE March (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
SOURCES OF FUNDS					
Share Capital - Equity	115	117	117	117	117
Reserves	2,644	2,734	2,949	3,262	3,833
Total Shareholders' Funds	2,759	2,850	3,066	3,379	3,950
Minority Interest	723	<i>752</i>	806	961	1,227
Total Debt	919	722	1,022	1,022	1,022
Net Deferred Taxes	-380	-405	-405	-405	-405
Long Term Provisions & Others	519	492	513	537	562
TOTAL SOURCES OF FUNDS	4,540	4,412	5,003	5,494	6,356
APPLICATION OF FUNDS					
Net Block	669	642	691	768	818
Goodwill	1,925	1,880	1,880	1,880	1,880
Investments	24	23	23	23	23
LT Loans & Advances	107	131	143	157	173
Total Non-current Assets	2,725	2,675	2,737	2,828	2,894
Inventories					
Debtors	1,520	830	1,252	1,503	1,820
Other Current Assets	840	788	791	949	1,149
Cash & Equivalents	1,272	1,723	1,887	1,998	2,561
Total Current Assets	3,632	3,341	3,930	4,450	5,530
Creditors	181	143	147	159	185
Other Current Liabilities & Provns	1,636	1,462	1,517	1,626	1,883
Total Current Liabilities	1,816	1,604	1,665	1,785	2,068
Net Current Assets	1,815	1,737	2,265	2,665	3,462
TOTAL APPLICATION OF FUNDS	4,540	4,412	5,003	5,494	6,356



Cash Flow Statement (Consolidated)

Year ending March (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
Reported PBT	(77)	107	303	647	1,109
Non-operating & EO items	(137)	(121)	18	(100)	(121)
Interest expenses	43	67	40	33	33
Depreciation	179	217	201	223	250
Working Capital Change	(480)	499	(343)	(266)	(208)
Tax Paid	150	13	(5)	(129)	(222)
OPERATING CASH FLOW (a)	(322)	782	212	407	841
Capex	(329)	(190)	(250)	(300)	(300)
Free cash flow (FCF)	(652)	592	(38)	107	541
Investments	0	1	0	0	0
Non Operating Income	39	117	76	86	105
INVESTING CASH FLOW (b)	(291)	(72)	(174)	(214)	(195)
Debt repayment	114	(197)	300	0	0
Interest expenses	(43)	(67)	(40)	(33)	(33)
FCFE	(808)	722	(378)	74	507
Share capital Issuance	1	2	0	0	0
Dividend	0	0	(28)	(50)	(50)
FINANCING CASH FLOW (c)	72	(263)	233	(83)	(83)
NET CASH FLOW (a+b+c)	(541)	447	270	110	563
Non-operating and EO items	275	4	-106	0	0
Closing Cash & Equivalents	1,272	1,723	1,887	1,998	2,561

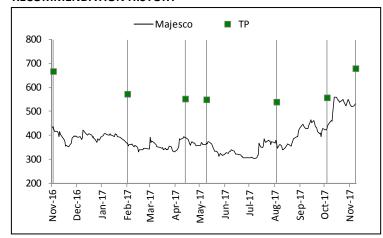
Source: Company, HDFC sec Inst Research

Key Ratios (Consolidated)

, , , , , , , , , , , , , , , , , , , ,	FY15	FY16	FY17	FY18E	FY19E
PROFITABILITY (%)					
GPM	47.1%	50.0%	49.8%	51.6%	51.3%
EBITDA Margin	1.3%	3.9%	4.2%	8.0%	10.5%
APAT Margin	1.5%	1.4%	1.7%	3.6%	5.1%
RoE	4.2%	4.1%	4.6%	11.2%	16.9%
RoIC or Core RoCE	2.6%	4.0%	5.0%	14.0%	22.4%
RoCE	-1.9%	1.7%	0.8%	8.8%	13.8%
EFFICIENCY					
Tax Rate (%)	N.M.	-12.6%	1.8%	20.0%	20.0%
Fixed Asset Turnover (x)	7.6	7.0	5.8	5.7	5.9
Debtors (days)	73	37	55	55	55
Other Current Assets (days)	41	35	35	35	35
Payables (days)	9	6	6	6	6
Other Current Liab & Provns	79	64	67	60	<i>57</i>
(days)					
Cash Conversion Cycle (days)	26	1	17	24	27
Net Debt/EBITDA (x)	(3.6)	(3.1)	(2.5)	(1.2)	(1.2)
Net D/E	(0.1)	(0.4)	(0.3)	(0.3)	(0.4)
Interest Coverage	2.3	4.8	8.8	24.2	38.4
PER SHARE DATA					
EPS (Rs/sh)	4.9	4.9	5.8	15.4	26.4
CEPS (Rs/sh)	12.5	14.1	14.4	24.9	37.0
DPS (Rs/sh)	0.0	0.0	1.2	2.1	2.1
BV (Rs/sh)	117.3	121.1	130.3	143.6	167.9
VALUATION					
P/E	108.5	108.1	91.5	34.7	20.2
P/BV	4.5	4.4	4.1	3.7	3.2
EV/Revenue	1.6	1.4	1.4	1.2	0.9
EV/EBITDA	123.2	35.9	33.5	14.4	8.7
OCF/EV (%)	N.A.	6.8%	1.8%	3.5%	7.6%
FCF/EV (%)	N.A.	5.1%	-0.3%	0.9%	4.9%
FCFE/mkt cap (%)	N.A.	5.8%	-3.0%	0.6%	4.0%
Dividend Yield (%)	0.0%	0.0%	0.2%	0.3%	0.3%

Source: Company, HDFC sec Inst Research; N.M – Not Meaningful

RECOMMENDATION HISTORY



Date	CMP	Reco	Target
2-Nov-16	432	BUY	668
2-Feb-17	370	BUY	573
17-Apr-17	394	BUY	553
10-May-17	368	BUY	550
4-Aug-17	372	BUY	540
4-Oct-17	421	BUY	558
8-Nov-17	533	BUY	680

Rating Definitions

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period : Where the stock is expected to deliver less than (-)10% returns over the next 12 month period



Disclosure:

We, Amit Chandra, MBA, & Apurva Prasad, MBA, 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. HSL has no material adverse disciplinary history as on the date of publication of this report. 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 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 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 meant for sole use by the recipient and not for circulation. 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. This document is for information purposes only. Descriptions of any company or companies or their securities mentioned herein are not intended to be complete and 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 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 send or has reached any individual in such country, especially, USA, the same may be ignored and brought to the attention of the sender. This document may not be reproduced, distributed or published for any purposes without prior written approval of HSL.

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. 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: Binkle R. Oza Email: complianceofficer@hdfcsec.com Phone: (022) 3045 3600

HDFC Securities Limited, SEBI Reg. No.: NSE-INB/F/E 231109431, BSE-INB/F 011109437, AMFI Reg. No. ARN: 13549, PFRDA Reg. No. POP: 04102015, IRDA Corporate Agent License No.: HDF 2806925/HDF C000222657, SEBI Research Analyst Reg. No.: INH000002475, 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