

INSTITUTIONAL RESEARCH

HCL Technologies

BUY

INDUSTRY	IT
CMP (as on 29 Jan 2019)	Rs 988
Target Price	Rs 1,260
Nifty	10,652
Sensex	35,593
KEY STOCK DATA	
Bloomberg	HCLT IN

 Bloomberg
 HCLT IN

 No. of Shares (mn)
 1,393

 MCap (Rs bn) / (\$ mn)
 1,377/19,354

 6m avg traded value (Rs mn)
 2,195

STOCK PERFORMANCE (%)

52 Week high / lo	Rs 1,125	/ 880	
	3M	6M	12M
Absolute (%)	0.3	2.6	(2.3)
Relative (%)	(4.2)	7.3	(0.4)

SHAREHOLDING PATTERN (%)

Promoters	60.00
FIs & Local MFs	8.21
FPIs	28.28
Public & Others	3.51

Source: BSE

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Organic engine firing

HCL Tech (HCLT) posted robust revenue performance (10-qtr high QoQ) driven by strong uptick in IMS. Revenue came at USD 2,201mn, +5.6/13.0% QoQ/YoY CC, led by IMS (37.5% of rev) posting +10.4% QoQ CC on ramp-up of large deals. Revenue guidance was increased to top-end of 9.5 to 11.5% YoY band (at mid-point earlier) led by traction in organic business. EBIT% stood at 19.7%, -30bps QoQ on wage increase impact. APAT stood at Rs 26.11bn, 2.8/19.0% QoQ/YoY impacted by lower other income (forex loss of Rs 0.54bn), offset by lower ETR.

We maintain positive view on HCLT based on (1) Organic business recovery (trending to high single-digit in FY20), supported by ramp-up of large deals and continuity of strong deal wins (9MFY19 TCV up 40% YoY ex-renewals), (2) ER&D/IMS pedigree and recovery in BFSI portfolio (Europe) ahead, (3) Mode-2 business momentum and margin improvement ahead (currently at 12.3%), and (4) Strong 'option value' in synergies from product acquisition – cross-sell, market opportunity. Integration of product Financial Summary

acquisition will remain a key challenge ahead as the business has transitioned into an asset-heavy, IP-led model.

Expect rev/EPS CAGR of 13/10% over FY19-21E factoring USD rev growth at 16.2/10.1% and EBIT% at 20.3/19.7% for FY20/21E, respectively. Valuations attractive at 11.7x FY20E, maintain BUY with TP of Rs 1,260, 14x-Dec-20E EPS.

Highlights of the quarter

- Mode-1 (70.9% of rev), Mode-2 (17.1%) and Mode-3 (11.9%) grew 3.9/13.1/6.2% QoQ CC respectively. Organic growth was ~4% QoQ in USD terms and H&D acquisition contributed USD 21mn or 1% QoQ. Rev guidance of 6.5% YoY organic for FY19E implies 2.5% QoQ for 4QFY19. Management maintained the EBIT% guidance of 19.5 to 20.5%.
- Near-term outlook: Growth traction and continuity in deal momentum combined with attractive valuations to support near term outperformance.

YE March (Rs bn)	3QFY19	3QFY18	YoY (%)	2QFY19	QoQ (%)	FY17	FY18	FY19E	FY20E	FY21E
Net Sales	156.99	128.08	22.6	148.61	5.6	467.23	505.70	606.88	720.18	792.84
EBIT	30.86	25.09	23.0	29.66	4.0	94.74	99.88	119.32	146.06	156.25
APAT	26.11	21.94	19.0	25.40	2.8	81.54	87.80	101.86	114.18	122.03
Diluted AEPS (Rs)	19.3	16.2	19.0	18.7	2.8	60.1	64.7	75.1	84.2	90.0
P/E (x)						16.4	15.3	13.2	11.7	11.0
EV / EBITDA (x)						12.1	11.2	8.9	7.6	6.6
RoE (%)						26.9	25.3	26.3	25.9	24.2

Source: Company, HDFC sec Inst Research # Consolidated

Revenue came at USD 2,201mn, up 5.6%/13% QoQ/YoY in CC terms

EBIT contracted 30bps QoQ impacted by wage increase -45bps which was offset by currency benefit +15bps

Full year EBIT guidance of 19.5% to 20.5% maintained

ETR was lower at 17.7%, ETR band of 21-22% guided

Quarterly Consolidated Financials Snapshot

Particulars (Rs bn)	3QFY19	3QFY18	YoY (%)	2QFY19	QoQ (%)
Net Revenues (USD mn)	2,201	1,988	10.8	2,099	4.9
Net Revenues	156.99	128.08	22.6	148.61	5.6
Direct Costs	101.52	84.12	20.7	95.89	5.9
Gross Profit	55.47	43.96	26.2	52.72	5.2
SG&A Expenses	19.00	14.32	32.7	17.73	7.2
EBITDA	36.47	29.64	23.0	34.99	4.2
Depreciation	5.61	4.55	23.3	5.33	5.3
EBIT	30.86	25.09	23.0	29.66	4.0
Other Income	1.05	2.64	(60.2)	2.52	(58.3)
PBT	31.91	27.73	15.1	32.18	(0.8)
Tax	5.66	5.79	(2.2)	6.78	(16.5)
APAT	26.11	21.94	19.0	25.40	2.8
E/o (adj for tax)	-	-		-	
RPAT	26.11	21.94	19.0	25.40	2.8

Source: Company, HDFC sec Inst Research

Margin Analysis

	3QFY19	3QFY18	YoY (bps)	2QFY19	QoQ (bps)
Direct Costs % Net Revenues	64.7	65.7	(101)	64.5	14
Gross Profit Margin (%)	35.3	34.3	101	35.5	(14)
SG&A Expenses % Net Revenues	12.1	11.2	92	11.9	17
EBITDA Margin (%)	23.2	23.1	9	23.5	(31)
EBIT Margin (%)	19.7	19.6	7	20.0	(30)
Tax Rate (%)	17.7	20.9	(314)	21.1	(333)
APAT Margin (%)	16.6	17.1	(50)	17.1	(46)



EBIT margin for Mode-1/2/3 at 20.7%/12.3%/23%

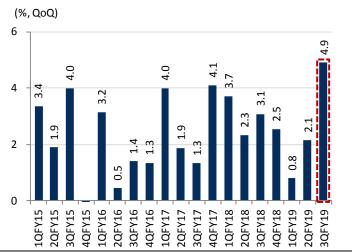
EBIT margin in Mode 2 expanded 150bps, expansion expected to continue in FY20E

Deal bookings (ex-renewals) were highest-ever, 9MFY19 deal bookings up 40% YoY

Deal bookings included large signings in financial services & technology services

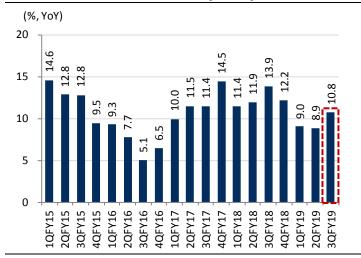
Deal pipeline is also highest ever

QoQ USD Revenue Growth Trajectory



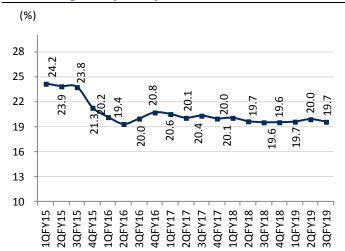
Source: Company, HDFC sec Inst Research

YoY USD Revenue Growth Trajectory



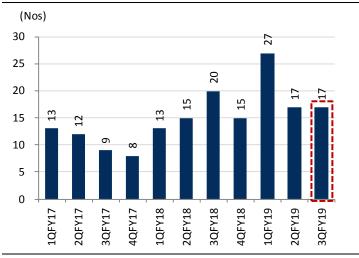
Source: Company, HDFC sec Inst Research

EBIT Margin Trajectory



Source: Company, HDFC sec Inst Research

Transformational Deals Trend





Financial services (FS) was flat impacted by 2 large European clients, client ramp down in FS is at rear end

Telecom was up 35.4% QoQ CC on ramp up of large deals

Manufacturing, Life-science & healthcare posted strong sequential growth

Management commentary on digital spend is that it is becoming less discretionary

Vertical Revenue Break-up

(% of rev)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Manufacturing	34.9	35.4	36.5	36.0	36.5	36.2	36.3
Financial Services	24.9	25.0	24.6	25.0	23.8	23.0	21.6
Life Sciences and Health Care	11.8	11.7	11.7	11.5	12.8	12.9	13.0
Public Services	11.1	10.6	10.2	10.5	10.5	10.7	9.7
Telecom, Media, Publishing & Entertainment	7.9	7.9	7.4	7.4	7.3	7.2	9.2
Retail & CPG	9.5	9.3	9.6	9.6	9.1	10.0	10.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Vertical-wise Revenue Growth

(QoQ, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Manufacturing	3.3	2.4	6.6	0.2	(1.3)	1.7	3.9
Financial Services	5.3	1.2	1.4	2.0	(1.4)	0.1	(0.6)
Life Sciences and Health Care	4.8	1.8	2.4	(0.2)	13.4	3.2	5.8
Public Services	(2.7)	(4.6)	0.2	4.1	3.5	5.3	(4.4)
Telecom, Media, Publishing & Entertainment	(2.5)	1.7	(3.8)	1.8	0.2	1.1	35.4
Retail & CPG	4.9	(0.5)	6.6	1.1	(1.6)	13.0	8.4
Total	2.6	0.9	3.3	1.2	2.7	3.0	5.6

Source: Company, HDFC Sec Inst Research

Vertical-wise Revenue Growth

(YoY, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Manufacturing	17.1	21.9	21.0	13.8	(3.9)	(3.9)	1.5
Financial Services	19.2	14.2	10.6	9.4	2.9	2.3	0.1
Life Sciences and Health Care	10.6	3.8	9.7	9.0	18.1	19.8	23.4
Public Services	6.4	6.2	1.0	(3.1)	3.4	13.3	8.1
Telecom, Media, Publishing & Entertainment	(2.7)	(6.3)	(6.8)	(3.2)	(0.1)	(0.8)	40.3
Retail & CPG	7.1	(1.0)	13.1	11.8	5.3	19.2	21.5
Total	12.2	10.6	11.2	8.2	8.5	10.5	13.0

IMS posted strong growth on ramp up of large deals and acquisition of H&D (USD 11mn)

ER&D services posted healthy growth of 5.1%/17.4%

QoQ/YoY in CC terms

Service Line Break-up

(% of rev)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Infrastructure Services	38.6	38.5	36.7	37.3	36.2	36.0	37.5
Application Services	36.4	35.9	35.4	34.7	34.1	33.1	32.1
ER&D Services	21.5	22.0	24.2	24.1	24.5	25.5	25.5
Business Services	3.6	3.6	3.7	3.9	5.2	5.4	5.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Service Line Growth

(QoQ, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Infrastructure Services	1.7	(0.2)	(1.2)	2.5	0.6	2.5	10.4
Application Services	1.6	0.0	1.6	(0.9)	0.8	0.4	2.3
ER&D Services	7.9	4.4	13.6	1.7	3.1	6.3	5.1
Business Services	(6.7)	2.9	5.0	5.3	38.8	7.3	(3.7)
Total	2.6	0.9	3.3	1.2	2.7	3.0	5.6

Source: Company, HDFC Sec Inst Research

Service Line Growth

(QoQ, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Infrastructure Services	9.2	4.8	1.6	2.9	2.0	4.4	16.5
Application Services	6.4	5.0	4.4	1.6	1.2	1.8	2.5
ER&D Services	34.7	38.4	47.7	30.4	24.2	26.3	17.4
Business Services	(2.3)	(1.3)	1.2	6.0	59.6	64.8	50.1
Total	12.2	10.6	11.2	8.2	8.5	10.5	13.0

Growth was seen across geographies (ex-India) with Europe leading growth

Geographic Revenue Break-up

(% of rev)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Americas	62.8	62.4	63.5	61.5	64.5	65.8	64.5
Europe	27.4	29.1	28.7	30.0	28.1	26.8	28.3
Rest of the World	9.8	8.5	7.9	8.5	7.5	7.4	7.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Geographic Revenue Growth

(QoQ, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Americas	3.8	1.5	4.9	(0.7)	5.9	4.4	2.7
Europe	(0.4)	4.4	1.9	3.6	(1.0)	(0.9)	12.9
Rest of the World	3.1	(12.0)	(3.9)	8.1	(7.1)	4.9	4.5
Total	2.6	0.9	3.3	1.2	2.7	3.0	5.6

Source: Company, HDFC Sec Inst Research

Geographic Revenue Growth

(YoY, % CC)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Americas	16.9	12.7	16.6	9.6	11.9	15.1	12.9
Europe	0.3	7.4	2.5	9.7	9.3	3.5	14.5
Rest of the World	22.3	6.3	2.5	(5.2)	(15.5)	0.7	8.4
Total	12.2	10.6	11.2	8.2	8.5	10.5	13.0

HCLT has 134 delivery centers outside India, 61 centers are of 100+ people of which 21 are in US

HCL has highest ever localization rates in US at 65.6% in 3QFY19 Vs. 64.7% in 2QFY19

HCLT plans to hire ~2,000 people in US & ~10,000 freshers in India in FY20

Headcount, Attrition And Utilisation Data

(Nos.)	1QFY18	2QFY18	3QFY18	4QFY18	1QFY19	2QFY19	3QFY19
Total headcount	117,781	119,040	119,291	120,081	124,121	127,875	132,328
Technical	107,029	108,351	108,831	109,565	113,404	116,910	121,273
Support	10,752	10,689	10,460	10,516	10,717	10,965	11,055
Gross Additions	9,462	8,645	7,113	8,476	12,558	11,683	11,055
Net Additions	1,808	1,259	251	790	4,040	3,754	4,453
Voluntary LTM Attrition (%)	16.2	15.7	15.2	15.5	16.3	17.1	17.8
Utilisation Excluding Trainees (%)	86.0	86.0	85.8	85.9	85.5	86.7	86.6

Source: Company, HDFC Sec Inst Research

Business Lines

(% of rev)	FY16	FY17	FY18	1QFY19	2QFY19	3QFY19
Mode 1	84.1	81.4	76.6	73.4	72.0	71.0
Mode 2	12.3	12.8	14.7	15.7	16.0	17.2
Mode 3	3.6	5.8	8.7	11.0	12.0	11.9
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: Company, HDFC Sec Inst Research

Key Assumptions

Double views	EV4 E	FV1C	FV4.7	FV10	EV40E	EVANE	EV24E
Particulars	FY15	FY16	FY17	FY18	FY19E	FY20E	FY21E
Software Services USD Rev. Growth (%)	9.1	4.8	6.4	16.9	8.9	19.4	11.5
IMS USD Rev. Growth (%)	16.6	10.3	25.0	6.9	7.2	12.5	8.1
BPO USD Rev. Growth (%)	27.5	13.0	(14.8)	2.7	53.1	6.2	7.3
Total USD Revenue Growth (%)	12.4	7.1	11.9	12.4	9.9	16.2	10.1
USD/INR Rate	61.5	65.6	67.0	64.5	70.5	72.0	72.0
EBIT Margin (%)	23.3	20.1	20.3	19.8	19.7	20.3	19.7



Change In Estimates

Deutinaleur	Earlier estimates	Revised estimates	% change				
Particulars	FY20E						
Revenue (USD mn)	9,872	10,002	1.3				
Revenue (Rs bn)	710.78	720.18	1.3				
EBIT (Rs bn)	143.98	146.06	1.4				
EBIT margin (%)	20.3	20.3	2bps				
EPS (Rs)	82.8	84.2	1.7				
		FY21E					
Revenue (USD mn)	10,921	11,012	0.8				
Revenue (Rs bn)	786.32	792.84	0.8				
EBIT (Rs bn)	156.17	156.25	0.1				
EBIT margin (%)	19.9	19.7	(15)bps				
EPS (Rs)	89.8	90.0	0.2				

Peer Set Comparison

Camanani	Мсар	CMP	D	TP		EPS	(Rs)			P/I	E (x)			Rol	E (%)	
Company	(Rs bn)	(Rs)	Reco.	(Rs)	FY18	FY19E	FY20E	FY21E	FY18	FY19E	FY20E	FY21E	FY18	FY19E	FY20E	FY21E
TCS	7,440	1,983	BUY	2,460	68.8	84.1	93.8	104.2	28.8	23.6	21.1	19.0	30.1	36.2	38.1	39.2
Infosys	3,164	727	BUY	830	33.9	36.8	41.2	45.7	21.5	19.8	17.7	15.9	24.5	22.5	23.6	24.0
Wipro	1,623	359	NEU	325	17.7	19.3	21.3	23.2	20.3	18.6	16.9	15.5	16.5	17.5	17.0	16.6
HCL Tech	1,377	988	BUY	1,260	64.7	75.1	84.2	90.0	15.3	13.2	11.7	11.0	25.3	26.3	25.9	24.2
TechM	652	732	BUY	830	42.7	47.0	52.0	56.6	17.1	15.6	14.1	12.9	21.5	20.8	20.1	19.3
Tier-1 IT AVG									20.6	18.1	16.3	14.9	23.6	24.7	24.9	24.7

Source: HDFC sec Inst Research



INSTITUTIONAL RESEARCH

Consolidated Income Statement

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YE March (Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
Net Revenues (USD mn)	6,975	7,838	8,612	10,002	11,012
Growth (%)	11.9	12.4	9.9	16.2	10.1
Net Sales	467.23	505.70	606.88	720.18	792.84
Growth (%)	14.2	8.2	20.0	18.7	10.1
Cost of Revenue	308.90	332.37	394.34	461.33	510.54
SG&A Expenses	55.24	58.93	70.88	83.54	90.38
EBITDA	103.09	114.40	141.66	175.31	191.92
EBITDA (%)	22.1	22.6	23.3	24.3	24.2
EBITDA Growth (%)	17.2	11.0	23.8	23.8	9.5
Depreciation	8.35	14.52	22.34	29.25	35.66
EBIT	94.74	99.88	119.32	146.06	156.25
Other Income	10.24	11.78	9.40	5.28	5.52
Interest	0.89	0.69	0.65	3.05	3.30
PBT	104.09	110.97	128.08	148.29	158.48
Tax (incl deferred)	19.52	23.17	26.08	34.11	36.45
RPAT	84.57	87.80	101.86	114.18	122.03
APAT	81.54	87.80	101.86	114.18	122.03
APAT Growth (%)	10.9	7.7	16.0	12.1	6.9
AEPS (Rs)	60.1	64.7	75.1	84.2	90.0
EPS Growth (%)	10.9	7.7	16.0	12.1	6.9

Source: Company, HDFC sec Inst Research

Consolidated Balance Sheet

YE March (Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
SOURCES OF FUNDS					
Share Capital - Equity	2.85	2.78	2.75	2.75	2.75
Reserves	326.64	361.08	406.74	468.86	533.94
Total Shareholders' Funds	329.49	363.86	409.49	471.61	536.68
Total Debt	4.38	3.80	3.80	25.40	25.40
Long-term Provisions & Others (Net)	9.22	11.92	11.92	11.92	11.92
TOTAL SOURCES OF FUNDS	344.82	379.58	425.21	508.93	574.00
APPLICATION OF FUNDS					
Net Block	87.31	119.54	133.11	197.49	187.97
CWIP	4.48	3.20	3.20	3.20	3.20
Goodwill	65.04	67.99	67.99	112.72	112.72
Investments	1.60	0.43	0.43	0.43	0.43
Other non-current assets	34.56	40.89	42.82	44.99	46.38
Total Non Current Assets	192.99	232.05	247.55	358.83	350.69
Debtors	83.01	96.39	116.26	138.51	152.77
Cash & Equivalents	101.90	66.35	77.89	29.51	89.38
Other Current Assets	79.72	85.44	93.63	102.80	108.67
Total Current Assets	264.63	248.18	287.77	270.82	350.83
Creditors	8.01	9.18	11.01	13.05	14.36
Other Current Liabilities & Provns	104.79	91.47	99.11	107.67	113.15
Total Current Liabilities	112.80	100.65	110.12	120.72	127.52
Net Current Assets	151.83	147.53	177.65	150.10	223.31
TOTAL APPLICATION OF FUNDS	344.82	379.58	425.21	508.93	574.00



Consolidated Cash Flow

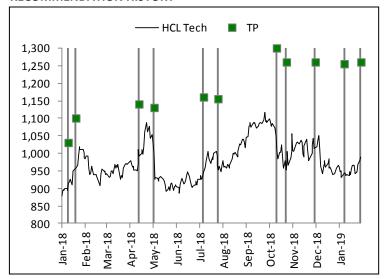
YE March (Rs bn)	FY17	FY18	FY19E	FY20E	FY21E
Reported PBT	104.09	110.97	128.08	148.29	158.48
Non-operating & EO items	(8.32)	(9.32)	(7.49)	(4.06)	(4.25)
Interest expenses	0.89	0.69	0.65	3.05	3.30
Depreciation	8.35	14.52	22.34	29.25	35.66
Working Capital Change	(3.90)	(11.95)	(19.85)	(22.23)	(14.25)
Tax paid	(19.52)	(23.17)	(26.08)	(34.11)	(36.45)
OPERATING CASH FLOW (a)	81.59	81.74	97.65	120.19	142.48
Capex	(58.52)	(43.44)	(33.76)	(136.88)	(35.68)
Free cash flow (FCF)	23.07	38.30	63.89	(16.69)	106.81
Investments	(0.14)	1.17	-	-	-
INVESTING CASH FLOW (b)	(50.34)	(32.95)	(26.27)	(132.82)	(31.42)
Debt Issuance	(5.14)	(0.58)	-	21.60	-
Interest expenses	(0.89)	(0.69)	(0.65)	(3.05)	(3.30)
FCFE	17.04	37.03	63.24	1.86	103.50
Share capital Issuance	0.03	(0.07)	(0.03)	-	-
Dividend/ Buyback	(41.10)	(56.05)	(56.27)	(52.07)	(56.95)
FINANCING CASH FLOW (c)	(47.10)	(57.39)	(56.95)	(33.51)	(60.25)
NET CASH FLOW (a+b+c)	(15.84)	(8.60)	14.43	(46.14)	50.81
Closing Cash & Equivalents	101.90	66.35	77.89	29.51	89.38
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Source: Company, HDFC sec Inst Research

Key Ratios

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	FY17	FY18	FY19E	FY20E	FY21E
PROFITABILITY (%)					
EBITDA Margin	20.3	19.8	19.7	20.3	19.7
APAT Margin	17.5	17.4	16.8	15.9	15.4
RoE	26.9	25.3	26.3	25.9	24.2
RoIC or Core RoCE	34.9	28.4	28.8	27.2	25.0
RoCE	25.6	24.4	25.4	24.9	23.0
EFFICIENCY					
Tax Rate (%)	18.8	20.9	20.4	23.0	23.0
Fixed Asset Turnover (x)	1.0	1.1	1.1	1.1	1.1
Debtors (days)	65	70	70	70	70
Other current assets (days)	62	62	56	52	50
Payables (days)	6	7	7	7	7
Other current liab & prov (days)	82	66	60	55	52
Cash Conversion Cycle (days)	41	60	61	62	63
Net Debt/EBITDA (x)	(0.9)	(0.5)	(0.5)	(0.0)	(0.3)
Net Debt/Equity (x)	(0.3)	(0.2)	(0.2)	(0.0)	(0.1)
Interest Coverage (x)	106	145	185	48	47
PER SHARE DATA					
EPS (Rs/sh)	60.1	64.7	75.1	84.2	90.0
CEPS (Rs/sh)	68.5	75.5	91.6	105.8	116.3
DPS (Rs/sh)	24.0	12.0	10.0	32.0	35.0
BV (Rs/sh)	244.3	268.4	302.0	347.8	395.8
VALUATION					
P/E	16.4	15.3	13.2	11.7	11.0
P/BV	4.0	3.7	3.3	2.8	2.5
EV/EBITDA	12.1	11.2	8.9	7.6	6.6
OCF/EV (%)	6.6	6.4	7.7	9.0	11.2
FCF/EV (%)	1.9	3.0	5.0	(1.2)	8.4
FCFE/mkt cap (%)	1.4	2.9	5.0	0.1	8.1
Dividend Yield (%)	2.4	1.2	1.0	3.2	3.5

RECOMMENDATION HISTORY



Date	СМР	Reco	Target
10-Jan-18	894	BUY	1,030
19-Jan-18	958	BUY	1,100
12-Apr-18	967	BUY	1,140
2-May-18	1,101	BUY	1,130
6-Jul-18	944	BUY	1,160
28-Jul-18	964	BUY	1,155
10-Oct-18	1,050	BUY	1,300
24-Oct-18	952	BUY	1,260
30-Nov-18	1,013	BUY	1,260
8-Jan-19	945	BUY	1,255
30-Jan-19	988	BUY	1,260

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

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



INSTITUTIONAL RESEARCH

Disclosure:

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