

Rating

Target

Potential Upside



October 30, 2018

#### **Rating matrix** Hold ₹ 42 **Target Period** 12 months

-3%

#### What's changed? Target Changed from ₹ 80 to ₹ 42 EPS FY19E Changed from 1.5 to 0.9 **EPS FY20E** Changed from ₹ 2.5 to ₹ 2.0 Rating Uchanged

Quarterly performance										
	02FY19	Q2FY18	YoY (%)	Q1FY19	QoQ (%)					
Revenue	1,594.3	748.6	NA	1,655.6	-3.7					
EBITDA	540.6	216.1	NA	556.8	-2.9					
EBITDA (%)	33.9	28.9	NA	33.6	28 bps					
PAT	25.5	(16.2)	NA	27.9	NA					

Key financials				
₹ Crore	FY17	FY18	FY19E	FY20E
Net Sales	3,004	4,634	6,517	6,918
EBITDA	969	1,316	2,217	2,427
Adj. Net Profit	109	10	175	394
Adj. EPS (₹)	1.0	0.1	0.9	2.0

у			
FY17	FY18	FY19E	FY20E
42.1	NM	47.5	21.1
40.7	NM	45.9	20.4
9.1	7.8	4.8	4.2
9.4	1.2	1.2	1.1
22.3	0.1	2.5	5.4
20.8	3.1	9.0	10.4
	FY17 42.1 40.7 9.1 9.4 22.3	FY17 FY18 42.1 NM 40.7 NM 9.1 7.8 9.4 1.2 22.3 0.1	FY17         FY18         FY19E           42.1         NM         47.5           40.7         NM         45.9           9.1         7.8         4.8           9.4         1.2         1.2           22.3         0.1         2.5

Stock data	
Particular	Amount (₹ crore)
Market Capitalization	7,945.2
Total Debt (FY18)	2,748.1
Cash (FY18)	267.5
EV	10,279.8
52 week H/L	111 / 68
Equity capital	184.1
Face value	1.0

### **Research Analysts**

Bhupendra Tiwary

bhupendra. Tiwary@icicisecurities.com

Sameer Pardikar

sameer.pardikar@icicisecurities.com

# **Dish TV (DISHTV)**

₹ 43

# Weak performance; Jio threat looms large...

- Overall revenues came in at ₹ 1594.3 crore (3.4% lower than our expectation), on account of 3.3% QoQ decline in ARPU vs. our expectation of 1% QoQ decline while subscriber addition was at 200,000 (vs. 250,000 expectation)
- EBITDA came in at ₹ 540.6 crore (vs. ₹ 565.9 crore expectation) while margins came in at 33.9% vs. our expectation of 34.3% on account of negative operating leverage
- PAT came in at ₹ 25.5 crore (vs. our expectation of 30.3 crore) on account of a weak operating performance

### Jio – serious threat now to incumbent cable/DTH business...

Jio, which had announced plans to enter the cable broadband and IPTV space, strengthened its distribution reach by acquiring a majority stake in two of the MSOs Hathway Cable and Network. The deal gave Jio access to ~24 million households and ~27000 LCOs. We believe this is a major breakthrough for last mile connectivity. The management indicated that as per their vulnerability assessment, only 1% of its subscriber base is under threat from Jio's impending home broadband launch. As per the management, the impact would be visible in the next four to six quarters. However, we note that while Dish with two-third subscriber base in rural/semi-urban may be relatively less hit, a steep impact on its urban base cannot be ruled out over the next couple of years. Moreover, the offering, if done through freebies (as seen in wireless offerings), could have an overall impact on ARPUs erosion. Notwithstanding the lack of clarity on proposed offering and pricing thereon, we believe Dish as well as other cable/DTH players is on a weak footing given the might of capital of Reliance Jio despite its intent to launch OTT services.

### Maintains net adds and revenues guidance

Dish TV reported subdued growth in net additions for the quarter with net adds of 0.2 million (mn) vs. expectation of 0.25 mn. It attributed the same to a content lean quarter as well as some impact of floods and drought in some parts of the country. We note that the company maintained its guidance of 1.3 mn net adds and 8% revenue growth for FY19. We believe that achievement of the guidance is an uphill task given the muted H1FY19 additions and possible impact on net additions by Jio's aggressive push in FTTH, where it could come out with lucrative offers in the festive season to garner pace in subs additions (similar to what witnessed in wireless space). Our estimates of 1.1 mn net adds in FY19 and 1.15 mn in FY20, therefore, pose a downside risk.

## Jio risk looms large; cut target multiple further...

We remain sceptical of the kind of damage Jio's entry can create mainly in terms of pricing in the urban linear cable/DTH space. The acquisition of cable operators has fortified Jio's positioning. Thus, it could remain an overhang for the cable/DTH industry. Moreover, the improvement in Q1FY19 by Dish, was largely offset by a weak Q2FY19. We note that Dish is currently trading at an alluring valuation of 4.1x FY20E EV/EBITDA. However, we believe the perceived threat of Jio is a much bigger issue casting doubts over the existing business model and growth prospects thereof. We cut our DCF based target price to ₹ 42, implying 5x FY20E EV/EBITDA, after adjusting for regulatory dues of ~₹ 2100 crore. While we maintain our HOLD recommendation, we believe the re-rating of Dish hinges on its strategy to tackle the Jio threat. High promoter pledge (~84% of promoters' stake is pledged) is also a concern.



Variance analysis							
	Q2FY19	Q2FY19E	Q2FY18	Q1FY19	YoY (%)	QoQ (%)	Comments
Revenue	1,594.3	1,650.9	748.6	1,655.6	113.0	-3.7	Weakness in ARPU and slower subscriber addition led to revenues miss
Other Income	14.7	15.0	7.7	15.7	90.5	-6.7	
Employee Expenses	62.6	57.8	36.6	57.7	71.0	8.5	
Programing Cost	864.8	870.0	389.3	881.9	122	-2	
Other Operating Cost	123.8	155.2	103.8	157.1	19.3	-21.2	
Others	2.4	2.0	2.7	2.2	-10	9	
EBITDA	540.6	565.9	216.1	556.8	150.2	-2.9	
EBITDA Margin (%)	33.9	34.3	28.9	33.6	504 bps	28 bps	Lower topline impacted the EBITDA
Depreciation	367.5	360.8	189.9	360.8	93.6	1.9	
Interest	159.2	180.9	61.1	177.5	161	-10	
Total Tax	8.9	9.8	-9.3	8.7	NA	NA	
PAT	25.5	30.3	-16.2	27.9	NA	NA	Lower PAT was on account of miss on EBITDA front
Key Metrics							
Net Subscriber Additions (Mn)	0.20	0.25	0.19	0.30	6.4	-33.6	
Net Subscribers (Mn)	23.5	23.6	15.88	23.30	48.0	0.9	
ARPU (in ₹)	207	212	149	214	39.1	-3.3	

Source: Company, ICICI Direct Research

Change in estimat	es						
al la		FY19E			FY20E		
(₹ Crore)	Old	New	% Change	Old	New	% Change	Comments
Revenue	6,613.3	6,517.1	-1.5	7,059.3	6,917.6	-2.0	We realign our estimates post H1FY19 performance
EBITDA	2,247.5	2,217.3	-1.3	2,547.5	2,427.0	-4.7	
EBITDA Margin (%)	34.0	34.0	4 bps	36.1	35.1	-100 bps	
PAT	216.1	174.8	-19.1	473.8	394.0	-16.8	
EPS (₹)	1.1	0.9	-17.4	2.5	2.0	-18.1	

Source: Company, ICICI Direct Research

Assumptions							
		Current					
	FY16	FY17	FY18	FY19E	FY20E	FY19E	FY20E
Net Subscriber Additions (M	1.6	1.0	7.5	1.1	1.1	1.2	1.1
Net Subscribers (Mn)	14.5	15.5	23.0	24.1	25.2	24.2	25.3
ARPU (in ₹)	172.0	153.9	173.2	209.9	214.5	213.0	218.4
Monthly Churn Rate	0.7%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%

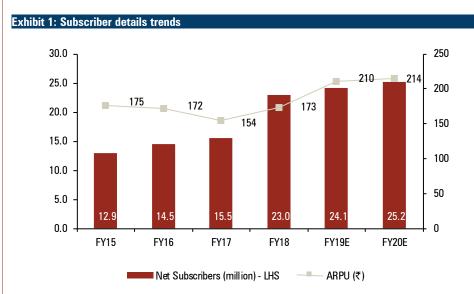
Source: Company, ICICI Direct Research



# **Company Analysis**

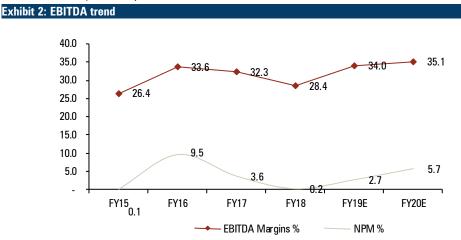
## ARPU to reach ₹ 214 in FY20E

We note that the company has guided for ~8-9% revenue growth in FY19. We factor in subscriber addition of 1.1 million for FY19E & FY20E, respectively, and ARPU of ₹ 214 in FY20 leading to subscription revenues of ₹ 6350 crore.



FY18,19E, ARPU are not comparable owing to change in accounting policy Source: Company, ICICI Direct Research

We expect the company to report margins of 34.0% and 35.1% in FY19E and FY20, respectively.



Source: Company, ICICI Direct Research



## Other Highlights:

- Maintain guidance of 1.3 mn net subs addition, 8% revenue growth for FY19: The management indicated subscriber additions during the quarter were impacted on account of a sports lean quarter. The company reiterated its guidance of 1.3 mn net additions for FY19 to be aided by the festive season ahead. It also maintained 8% revenue guidance for FY19
- ~1% of base under threat from Jio: The management indicated that as per their vulnerability assessment, only 1% of its subscriber base is under threat from Jio's impending home broadband launch. As per the management, the impact would be visible for the next four to six quarters
- Launching OTT platform, hybrid android box in Q3FY19: The
  management indicated they are looking to launch OTT services in
  Q3FY19 while trials for the same are under way. As per the
  management, it has incurred a capex of ₹ 35 crore for these
  services and clarified that their OTT will not compete with another
  group company's OTT (Zee5) since target customers are different
- Maintains guidance of 35% EBITDA margin in FY19: The
  management indicated that EBITDA margin expansion for the
  quarter was aided by cost savings. However, synergy benefits
  may not be directly visible due to mix of cost items. The company
  indicated there is further scope of costs to go down by 5% from
  the current level and maintained EBITDA margin guidance of 35%
  in FY19
- Aiming for debt free company in two years: The management indicated that gross debt was at ₹ 2550 crore while net debt was at ₹ 2150 crore as on Q2FY19. As per the management, they are looking to pay ₹ 500 crore towards debt repayment and guided for ₹ 1600-1650 crore debt in FY19
- TV household expected to grow to 220 mn: The management indicated that TV HHs in the country are expected to reach 220 mn in the next three years vs. 197 mn currently. Majority of these additions will come from the non-urban market, boding well for the company
- Other highlights: (i) Capex for the quarter was ₹ 230 crore and guided for capex of ₹ 850 to 900 crore for FY19, ii) net increase of ₹ 350 crore in working capital was due to advanced payments to suppliers of equipment, lii) current inventory of STBs (CWIP) was at 0.85 mn boxes amounting to ₹ 650 crore iv) subscriber acquisition cost for the quarter was ₹ 1575 per sub and v) content cost is 35% of revenue

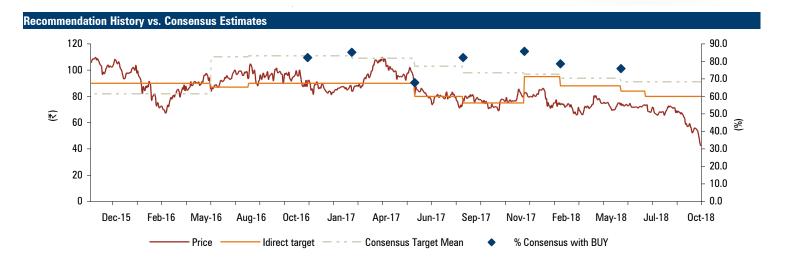


# **Valuation**

We remain sceptical of the kind of damage Jio's entry can create, mainly in terms of pricing in the urban linear cable/DTH space. The acquisition of cable operators has fortified Jio positioning and, thus, could remain an overhang for the cable/DTH industry. Moreover, the improvement in Q1FY19 by Dish, was largely offset by a weak Q2FY19. We note that Dish is currently trading at alluring valuations of 4.1x FY20E EV/EBITDA. However, we believe the perceived threat of Jio is a much bigger issue casting doubts over the existing business model and growth prospects thereof. We cut our DCF based target price to ₹ 42, implying 5x FY20E EV/EBITDA, after adjusting for regulatory dues of ~₹ 2100 crore. While we maintain our HOLD recommendation, we believe the re-rating of Dish hinges on its strategy to tackle the Jio threat. High promoter pledge (~84% of promoters' stake is pledged) is also a concern.

Exhibit 3: Valuat	tions							
	Sales	Growth	EPS	Growth	PE	EV/EBITDA	RoNW	RoCE
	(₹ cr)	(%)	(₹)	(%)	(x)	(x)	(%)	(%)
FY17	3,004.2	(0.0)	1.0	NA	NA	9.1	22.3	20.8
FY18	4,634.2	54.3	(0.4)	NA	NA	7.8	0.1	3.1
FY19E	6,517.1	40.6	0.9	NA	47.5	4.8	2.5	9.0
FY20E	6,917.6	6.1	2.0	125.4	21.1	4.2	5.4	10.4





Source: Bloomberg, Company, ICICI Direct Research

els, claiming
d will offer
ted gross

Source: Company, ICICI Direct Research

Тор	10 Shareholders					
No.	Name	Latest Filing Date	% O/S	Position ;itior	n Change	ĺ
1	Essel Group	30-Jun-18	0.31	568.1	0.0	Ī
2	World Crest Advisors LLP	19-Sep-18	0.29	540.7	3.0	I
3	Catalyst Trusteeship Ltd.	30-Jun-18	0.19	348.6	348.6	I
4	Direct Media Distribution Ventures Pvt. Ltd.	30-Jun-18	0.03	52.2	0.0	(
5	Amansa Capital Pte Ltd.	30-Jun-18	0.03	46.2	2.0	
6	Agrani Holdings Mauritius, Ltd.	30-Jun-18	0.02	35.2	0.0	
7	Artisan Partners Limited Partnership	30-Jun-18	0.02	33.0	-10.1	
8	T. Rowe Price International (UK) Ltd.	30-Jun-18	0.01	26.2	0.0	
9	Fidelity International	31-0ct-17	0.01	16.8	16.8	
10	Aditya Birla Sun Life AMC Limited	30-Sep-18	0.01	14.2	0.0	

Snareholding Pattern										
(in %)	Sep-17	Dec-17	Mar-18	Jun-18	Sep-18					
Promoter	64.4	64.4	31.5	36.4	60.8					
FII	18.8	18.5	11.1	13.3	11.7					
DII	7.8	8.2	36.2	26.8	1.5					
Others	8.9	8.9	21.3	23.5	26.0					

Source: Reuters, ICICI Direct Research

Recent Activity					
Buys			Sells		
Name	Value	Shares	Name	Value	Shares
Catalyst Trusteeship Ltd.	+365.60M	+348.55M	Deutsche Asset Management (Asia) Ltd.	-290.65M	-277.10M
World Crest Advisors LLP	+2.38M	+3.00M	Artisan Partners Limited Partnership	-10.59M	-10.10M
Amansa Capital Pte Ltd.	+2.08M	+1.99M	ICICI Prudential Asset Management Co. Ltd.	-2.63M	-2.61M
BlackRock Institutional Trust Company, N.A.	+0.46M	+0.58M	TT International	-2.33M	-2.06M
FIL Investment Management (Australia) Limited	+0.26M	+0.23M	L&T Investment Management Limited	-0.79M	-0.78M

Source: Reuters, ICICI Direct Research



# **Financial summary**

Profit and loss statement			₹	Crore
(Year-end March)	FY17	FY18	FY19E	FY20E
Total operating Income	3014.4	4634.2	6517.1	6917.6
Growth (%)	10.0	-1.5	NC	6.1
Employee Expenses	146.5	209.6	244.5	276.7
Administrative Expenses	0.0	0.0	0.0	0.0
Programing Cost	1050.9	3510.9	3597.2	
License Fees	166.2	0.0	0.0	0.0
Commission	-	-	-	-
Other Expenses	681.8	631.9	544.4	616.8
Total Operating Expenditure	2045.5	3318.1	4299.8	4490.6
EBITDA	968.9	1316.0	2217.3	2427.0
Growth (%)	39.8	-5.5	NC	9.5
Depreciation	663.1	1071.7	1401.2	1452.7
Interest	223.9	396.4	651.7	617.9
Other Income	51.5	54.2	62.4	80.0
PBT	133.4	-97.9	226.8	436.4
Exceptional Items	-402.9	0.0	0.0	0.0
Prior Period Items	0.0	0.0	0.0	0.0
Total Tax	24.1	-13.0	71.7	65.5
PAT	109.3	-75.0	174.8	394.0
Growth (%)	NM	-84.2	NC	125.4
Adjusted PAT	109.3	10.0	174.8	394.0
Growth (%)	NM	-62.4	NC	125.4
EPS (₹)	1.0	-0.4	0.9	2.0

Source: Company, ICICI Direct Research

Cook flow statement			=	F. Cuana
Cash flow statement				Crore
(Year-end March)	FY17	FY18	FY19E	FY20E
Profit after Tax	109.3	-75.0	174.8	394.0
Add: Depreciation	663.1	1,071.7	1,401.2	1,452.7
Add: Interest Paid	617.9	0.0	0.0	0.0
(Inc)/dec in Current Assets	-77.4	-463.5	-498.3	-208.4
Inc/(dec) in CL and Provisions	201.5	3,041.3	-112.6	-361.3
Others	(394.0)	396.4	651.7	617.9
CF from operating activities	1,120.4	3,970.8	1,616.8	1,894.9
(Inc)/dec in Investments	67.6	-131.6	-60.0	-50.0
(Inc)/dec in Fixed Assets	-950.1	-4,952.2	-900.0	-1,000.0
Others	-35.2	-6,472.1	-19.7	0.0
CF from investing activities	-917.6	-11,555.9	-979.7	-1,050.0
Issue/(Buy back) of Equity	0.0	77.5	8.3	0.0
Inc/(dec) in loan funds	-26.4	1,618.1	0.0	0.0
Dividend paid & dividend tax	0.0	0.0	0.0	0.0
Interest Paid	617.9	0.0	0.0	0.0
Others	-841.2	5,864.7	-651.7	-617.9
CF from financing activities	-249.7	7,560.3	-643.4	-617.9
Net Cash flow	-46.9	-24.7	-6.3	227.0
Opening Cash	339.2	292.3	267.5	261.2
Closing Cash	292.3	267.5	261.2	488.2

Source: Company, ICICI Direct Research

Balance sheet			₹	₹ Crore		
(Year-end March)	FY17	FY18	FY19E	FY20E		
Liabilities						
Equity Capital	106.6	184.1	192.4	192.4		
Reserve and Surplus	384.0	6,570.0	6,744.8	7,138.8		
Total Shareholders funds	490.6	6,754.1	6,937.2	7,331.2		
Total Debt	1,130.0	2,748.1	2,748.1	2,748.1		
Other Non Current Liabilities	100.0	121.4	121.4	121.4		
Total Liabilities	1,720.6	9,605.5	9,768.9	10,162.9		
Assets						
Gross Block	6,529.7	11,590.6	12,490.6	13,490.		
Less: Acc Depreciation	4,609.4	5,681.1	7,082.3	8,535.		
Net Block	1,920.3	5,909.5	5,408.3	4,955.		
Capital WIP	786.8	678.1	678.1	678.		
Total Fixed Assets	2,707.1	6,587.6	6,086.4	5,633.		
Goodwill on Consolidation	-	6,275.4	6,275.4	6,275.4		
Investments	164.4	296.0	356.0	406.		
Inventory	13.1	38.1	53.5	56.		
Debtors	87.0	302.0	428.5	454.		
Loans and Advances	475.5	481.1	744.3	869.		
Other Current Assets	11.2	229.1	322.2	376.		
Cash	292.3	267.5	261.2	488.		
Total Current Assets	879.0	1,317.8	1,809.7	2,245.		
Creditors	1,093.5	2,752.1	2,812.2	2,833.		
Provisions	1,446.8	2,829.5	2,656.8	2,274.		
Total Current Liabilities	2,540.3	5,581.6	5,469.0	5,107.		
Net Current Assets	-1,661.3	-4,263.8	-3,659.2	-2,862.		
Other Non Current Assets	510.4	710.4	710.4	710.		
Profit & Loss (Negative)	0.0	0.0	0.0	0.		
Application of Funds	1,720.6	9,605.6	9,768.9	10,162.		

vel tanos				
(Year-end March)	FY17	FY18	FY19E	FY20E
Per share data (₹)				
EPS	1.0	-0.4	0.9	2.0
Adj EPS	1.0	0.1	0.9	2.0
BV	4.6	36.7	36.1	38.1
DPS	0.0	0.0	0.0	0.0
Cash Per Share	2.7	1.5	1.4	2.5
Operating Ratios (%)				
EBITDA Margin	32.3	28.4	34.0	35.1
PBT / Total Operating income	10.2	5.3	12.5	14.1
PAT Margin	3.6	0.2	2.7	5.7
Inventory days	1.6	3.0	3.0	3.0
Debtor days	10.6	23.8	24.0	24.0
Creditor days	20.8	52.8	48.0	40.0
Return Ratios (%)				
RoE	22.3	0.1	2.5	5.4
RoCE	NM	3.1	9.0	10.4
Valuation Ratios (x)				
P/E	NM	NM	47.5	21.1
ev / ebitda	9.1	7.8	4.8	4.2
EV / Net Sales	2.9	2.2	1.6	1.5
Market Cap / Sales	0.0	0.0	1.3	1.2
Price to Book Value	0.0	0.0	1.2	1.1
Solvency Ratios				
Debt/EBITDA	1.2	2.1	1.2	1.1
Debt / Equity	2.3	0.4	0.4	0.4
Current Ratio	0.2	0.2	0.3	0.3
Quick Ratio	0.2	0.2	0.3	0.3

Source: Company, ICICI Direct Research

Source: Company ICICI Direct Research



# ICICI Direct research coverage universe (Media)

	CMP			M Cap		EPS (₹	)		P/E (x)		EV	/EBITDA	(x)		RoCE (%	5)		RoE (%)	
Sector / Company	(₹)	TP(₹)	Rating	(₹ Cr)	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E
DB Corp (DBCORP)	162	190	Buy	2,986	17.1	14.9	17.3	9.5	10.9	9.4	4.9	6.0	4.9	23.1	22.4	24.4	16.3	16.1	17.2
DISH TV (DISHTV)	43	42	Hold	7,973	-0.4	0.9	2.0	NM	47.7	21.1	7.8	4.6	4.1	3.1	9.0	10.4	0.1	2.5	5.4
ENIL (ENTNET)	651	780	Hold	3,104	7.5	13.7	23.9	87.1	47.4	27.2	26.0	19.2	13.2	6.2	10.3	16.0	3.5	6.9	10.8
Inox Leisure (INOX)	216	260	Buy	2,081	11.9	7.8	11.4	18.2	27.9	18.9	11.2	11.0	8.5	13.2	11.9	14.8	10.6	10.0	12.9
Jagran Prakashan (JAGPRA)	115	185	Hold	3,566	10.6	9.6	9.9	10.8	11.9	11.5	5.5	6.1	5.7	18.9	18.6	18.8	16.1	14.7	14.3
PVR (PVRLIM)	1,317	1,385	Hold	6,155	26.4	35.7	43.6	49.9	36.9	30.2	17.3	13.9	11.5	14.7	13.2	15.5	11.5	13.5	14.3
Sun TV (SUNTV)	649	920	Buy	25,588	28.8	35.7	41.8	22.5	18.2	15.5	11.8	9.4	7.5	35.5	36.7	36.0	24.2	25.0	24.2
TV Today (TVTNET)	382	450	Hold	2,278	19.9	26.6	30.0	19.2	14.4	12.7	10.0	7.7	6.1	30.4	30.9	29.7	19.3	20.0	19.0
ZEE Ent. (ZEEENT)	431	540	Buy	41,422	15.4	15.7	20.0	28.0	27.5	21.6	18.5	15.2	12.6	25.6	24.5	25.5	15.3	14.7	16.0

Source: Company, ICICI Direct Research



# RATING RATIONALE

ICICI Direct Research endeavours to provide objective opinions and recommendations. ICICI Direct Research assigns ratings to its stocks according to their notional target price vs. current market price and then categorises them as Strong Buy, Buy, Hold and Sell. The performance horizon is two years unless specified and the notional target price is defined as the analysts' valuation for a stock.

Strong Buy: >15%/20% for large caps/midcaps, respectively, with high conviction;

Buy: >10%/15% for large caps/midcaps, respectively;

Hold: Up to  $\pm$ -10%; Sell: -10% or more;



Pankaj Pandey

Head - Research

pankaj.pandey@icicisecurities.com

ICICI Direct Research Desk,
ICICI Securities Limited,
1st Floor, Akruti Trade Centre,
Road No 7, MIDC,
Andheri (East)
Mumbai – 400 093
research@icicidirect.com



#### ANALYST CERTIFICATION

We /l, Bhupendra Tiwary MBA, Sameer Pardikar, MBA Research Analysts, 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. 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.

### Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. ICICI Securities Limited is a Sebi registered Research Analyst with Sebi Registration Number – INH00000990. ICICI Securities Limited Sebi Registration is INZ000183631 for stock Broker. ICICI Securities is a wholly-owned subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities generally prohibits its analysts, persons reporting to analysts and their relatives from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICCI Securities will not treat recipients accustomers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment decisions, based on their own investment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICCI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

ICICI Securities 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.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the 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.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates 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 ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

It is confirmed that Bhupendra Tiwary MBA, Sameer Pardikar, MBA, Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities are engaged in various financial service businesses, they might have financial interests or beneficial ownership in various companies including the subject company/companies mentioned in this report.

It is confirmed that Bhupendra Tiwary MBA, Sameer Pardikar, MBA, Research Analysts do not serve as an officer, director or employee of the companies mentioned in the report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities

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 ICICI Securities and affiliates 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.