# **Coal India**

Мотн	LAL	OSWAI

BSE SENSEX	S&P CNX
36,958	10,926

Motilal Oswal values your support in the Asiamoney Brokers Poll 2019 for India Research, Sales and Trading team. We <u>request your ballot.</u>



Bloomberg	COAL IN
Equity Shares (m)	6,207
M.Cap.(INRb)/(USDb)	1255.7 / 17.6
52-Week Range (INR)	300 / 193
1, 6, 12 Rel. Per (%)	-7/-9/-25
12M Avg Val (INR M)	1762
Free float (%)	29.0

### Financials & Valuations (INR b)

	<u>, ,</u>					
<b>20</b> 19	2020E	2021E				
995.5	1,027.7	1,070.5				
300.5	314.2	331.2				
174.6	170.3	174.9				
28.3	27.6	28.4				
47.9	-2.5	2.7				
42.9	44.0	50.3				
66.0	62.8	56.5				
85.7	68.5	64.5				
7.2	7.4	7.2				
4.8	4.6	4.1				
Estimate change						
TP change						
	995.5 300.5 174.6 28.3 47.9 42.9 66.0 85.7 7.2 4.8	47.9 -2.5   42.9 44.0   66.0 62.8   85.7 68.5   7.2 7.4   4.8 4.6				

## CMP: INR204 TP: INR278(+36%)

## Buy

## **Better FSA realization drives beat**

## Valuations attractive; Dividend yield of 9-10%

- 1QFY20 revenue grew 4% YoY to ~INR249b (v/s est. INR237b) led by FSA realization increase of ~6% to INR1,370/t (v/s est. INR1,310/t), which was partly offset by lower e-auction realizations at INR2,155 (-10% YoY/-22% QoQ). Volumes were flat YoY at ~153mt (in-line). The increase in FSA realization was due to hike in coking coal prices at BCCL & CCL along with higher sales to the non-Power sector (~4mt higher YoY).
- Cash cost (ex-OBR) declined 1% YoY to INR1,135/t, despite higher wage bill. The company's wage bill was impacted (~INR2.7b) on an actuarial valuation
- given the fall in interest rates. Excluding wage bill, cash cost declined ~5% YoY. Adj. EBITDA (ex-OBR) increased 15% YoY to ~INR75b driven by higher FSA realization and lower cash costs.
- Adjusted PAT was up 22% YoY to INR46.3b (v/s est. INR39.3b), despite strong base (1QFY19 PAT grew 60% YoY). The beat to our estimate was driven by higher FSA realizations and higher other income.

## Valuations attractive; Maintain Buy

- COAL has managed to keep costs under control on the back of productivity measures and shutting down of old mines. We note that despite it undertaking price hikes for contractual labor in 2HFY19, cash costs/t have declined YoY.
- Ongoing efficiency measures and continued growth in volumes (our est. 5-6%), should drive 5% EBITDA CAGR over FY19-21, despite the high base of FY19.
  - The stock trades attractively at ~3x FY20E EV/adj. EBITDA (v/s historical average of 7x), P/E of 7-8x (v/s average of ~14x) and offers dividend yield of ~9-10%. We value the stock on 4.5x (v/s 5x earlier) FY20E EV/EBITDA at INR278/share. Maintain **Buy**.

Y/E March		FY1	L9			FY2	20		FY19	FY20E	FY20	var
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Sales	240,708	218,840	250,458	285,463	249,390	230,019	262,554	285,782	995,469	1,027,745	237,461	5
Change (%)	25.6	20.6	15.7	6.1	3.6	5.1	4.8	0.1	15.9	3.2	-1.3	
Adj. EBITDA	65,435	51,194	79,655	104,199	75,115	65,929	83,693	89,502	300,483	314,239	69,432	8
As of % Sales	27.2	23.4	31.8	36.5	30.1	28.7	31.9	31.3	30.2	30.6	29.2	
Depreciation	7,452	8,069	8,611	10,372	7,343	8,630	9,210	11,721	34,504	36,904	7,971	(8)
OBR	8,835	8,023	11,777	22,077	8,991	9,873	14,492	29,048	50,712	62,404	10,872	
Interest	1,103	8	620	1,019	166	8	626	1,978	2,750	2,778	1,114	(85)
Other Income	12,824	16,084	11,633	18,196	11,495	11,522	8,333	10,727	58,737	42,076	9,187	25
EO Inc/(Exp)	0	0	0	0	0	0	0	0	0	0	0	
РВТ	60,869	51,178	70,281	88,927	70,110	58,940	67,699	57,481	271,255	254,230	58,663	20
Тах	23,025	20,317	24,623	28,659	23,811	19,450	22,341	18,294	96,625	83,896	19,359	23
Tax Rate (%)	37.8	39.7	35.0	32.2	34.0	33.0	33.0	31.8	35.6	33.0	33.0	
Reported PAT	37,843	30,861	45,657	60,268	46,299	39,490	45,358	39,187	174,630	170,334	39,304	18
Adjusted PAT	37,843	30,861	45,657	60,268	46,299	39,490	45,358	39,187	174,630	170,334	39,304	18
Change (%)	60.9	736.7	51.9	-2.3	22.3	28.0	-0.7	-35.0	46.8	-2.5	3.9	

### Quarterly Performance (Consolidated) - INR m

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

## Other result highlights

- Volumes: FSA volumes were flat at 130mt. E-auction vols. were slightly lower (-2% YoY) at 19.1mt. Volume mix was broadly stable YoY with FSA accounting for 85% of the vols and e-auction accounting for 12% of the vols.
- OBR adjustment was up 2% YoY to INR9b.
- Other income declined 10% YoY to INR11.5b.
- Depreciation was down ~29% QoQ to INR7.3b on change in useful life estimates.

Y/E March		FY1	9			FY2	0		FY19	FY20E	FY20	var.	YoY	QoQ
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)		
Volume (m tons)														
Production	136.9	119.6	156.0	194.4	136.9	146.9	164.9	179.7	606.9	645.0	137.0	(0.0)	0%	-30%
Sales/Offtake	153.5	137.3	154.1	163.3	153.5	146.9	164.9	179.7	608.2	645.0	153.3	0.1	0%	-6%
- FSA	130.4	116.8	135.8	142.4	130.3	126.1	140.3	158.7	525.4	555.5	135.2	(3.6)	0%	-8%
- E-auction	19.4	17.7	14.7	16.7	19.1	17.0	20.0	15.6	68.5	71.7	14.0	36.1	-2%	14%
- Washed Coal	2.6	2.4	2.9	3.3	3.1	3.2	3.8	4.7	11.2	14.8	3.4	(9.1)	20%	-8%
- others	0.7	0.7	0.7	1.0	0.8	0.7	0.7	0.9	3.1	3.1	0.7	15.7	16%	-17%
Realisation (INR/t)														
- FSA	1,298	1,282	1,334	1,460	1,370	1,320	1,340	1,392	1,348	1,357	1,310	5	6%	-6%
- E-auction	2,399	2,592	2,847	2,754	2,155	2,200	2,200	2,255	2,632	2,200	2,300	(6)	-10%	-22%
- Washed Coal	2,427	2,602	2,866	2,879	3,171	2,800	2,900	1,845	2,713	2,600	2,700	17	31%	10%
- others	2,943	3,182	3,425	3,559	3,644	2,503	2,694	1,623	3,306	2,600	2,315	57	24%	2%
Per ton (INR)														
Revenue	1,460	1,485	1,517	1,636	1,513	1,435	1,459	1,487	1,527	1,485	1,435	5	4%	-7%
cash EBIDTA	426	373	517	638	489	453	449	508	494	487	453	8	15%	-23%
PAT	247	225	296	369	302	256	269	275	287	264	256	18	22%	-18%
Costs	1,034	1,113	1,001	997	1,024	982	1,011	979	1,033	998	982	4	-1%	3%

## Exhibit 1: Key operating parameters

Source: MOFSL, Company

### **Exhibit 2: Target Price calculations**

	FY17	FY18	FY19	FY20E
Adjusted EBIDTA	150,634	203,089	300,483	314,239
Target EV/EBITDA (x)				4.5
Target EV				1,414,077
Net debt	-296,943	-311,085	-316,302	-300,621
Target Equity value				1,714,697
TP (INR/share)				278

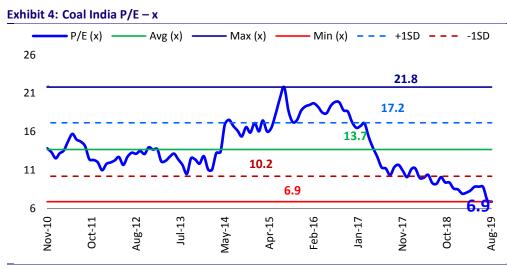
Source: MOFSL

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### Exhibit 3: Adjusted P&L

Revenue Power FSA	<b>FY17</b> <b>783,719</b> 494,293 86,547	<b>FY18</b> <b>858,624</b> 549,091	FY19 995,469 640,826	FY20E 1,027,745	FY21E 1,070,509
Power FSA	494,293 86,547				1,070,509
	86,547	549,091	640 826		
	,		040,020	683,575	717,652
Non Power FSA		62,000	124,788	130,413	130,399
Eauction/MoU	202,879	247,533	229,856	213,757	222,459
Sales (mt)	543	580	608	645	680
YoY (%)	1.6	6.8	4.9	6.1	5.4
Power FSA	380	424	458	485	510
Share (%)	70	73	75	75	75
Non Power FSA	50	36	67	70	70
Eauction/MoU	113	120	83	90	100
Revenue per ton	1,443	1,480	1,637	1,593	1,574
YoY (%)	-1.1	2.6	10.6	-2.6	-1.2
Power FSA	1,301	1,295	1,399	1,408	1,408
Non Power FSA	1,738	1,723	1,851	1,863	1,863
Eauction/MoU	1,793	2,062	2,777	2,388	2,219
Cost of Mining (ex. OB)	633,085	655,535	694,986	713,506	739,317
CoP per ton	1,166	1,130	1,143	1,106	1,087
YoY (%)	10.4	-3.1	1.1	-3.2	-1.7
Labor & social OH	626	616	644	600	572
Contract	227	220	220	236	243
R&M	152	143	144	143	142
Others	161	151	134	127	129
Adjusted EBIDTA	150,634	203,089	300,483	314,239	331,192
Power FSA	51,209	69,873	117,464	146,532	163,432
Share (%)	34	34	39	47	49
Non Power FSA	28,491	21,334	47,734	52,978	54,293
Share (%)	19	11	16	17	16
Eauction/MoU	70,933	111,883	135,285	114,730	113,468
Share (%)	47	55	45	37	34
EBITDA per ton	277	350	494	487	487

Source: MOFSL



Source: Bloomberg, Company

## **Financials and Valuations**

Net Sales   706,075   741,201   780,073   783,719   858,624   995,469   1,027,745   1,070,     Change (%)   1.2   5.0   5.2   0.5   9.6   15.9   3.2     EBITDA   210,472   211,621   211,148   150,634   203,089   300,483   314,239   331,     EBITDA Margin (%)   29.8   28.6   27.1   19.2   23.7   30.2   30.6   6     Depreciation   52,830   61,465   56,373   55,823   64,246   85,216   99,307   106,0     EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   4,117   4,318   2,750   2,778   2,   0 <t< th=""><th>Income Statement</th><th></th><th></th><th></th><th></th><th></th><th></th><th>(1)</th><th>NR Million)</th></t<>	Income Statement							(1)	NR Million)
Change (%)   1.2   5.0   5.2   0.5   9.6   15.9   3.2     EBITDA   210,472   211,621   211,148   150,634   203,089   300,483   314,239   331,     EBITDA Margin (%)   29.8   28.6   27.1   19.2   23.7   30.2   99,007   106,     EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   4,117   4,318   2,750   2,778   2,     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0   73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86, <t< th=""><th>Y/E Mar</th><th>2014</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th>2020E</th><th>2021E</th></t<>	Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
EBITDA   210,472   211,621   211,148   150,634   203,089   300,483   314,239   331,     EBITDA Margin (%)   29.8   28.6   27.1   19.2   23.7   30.2   30.6   33     Depreciation   52,830   61,465   56,373   55,823   64,246   85,216   99,307   106,     EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   41,17   4,318   2,750   2,77   82,     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0.72,844   0   0   0   0     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0	Net Sales	706,075	741,201	780,073	783,719	858,624	995,469	1,027,745	1,070,509
EBITDA Margin (%)   29.8   28.6   27.1   19.2   23.7   30.2   30.6   3     Depreciation   52,830   61,465   56,373   55,823   64,246   85,216   99,307   106,     EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   4,117   4,318   2,770   32,     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   -73,844   0   0     PBT   228,795   215,839   210,319   145,850   37,679   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   33     Min. Int. & Assoc. Share   0   0   0   0   0   0   0   0   0   0   0 <t< td=""><td>Change (%)</td><td>1.2</td><td>5.0</td><td>5.2</td><td>0.5</td><td>9.6</td><td>15.9</td><td>3.2</td><td>4.2</td></t<>	Change (%)	1.2	5.0	5.2	0.5	9.6	15.9	3.2	4.2
Depreciation   52,830   61,465   56,373   55,823   64,246   85,216   99,307   106,     EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   4,117   4,318   2,750   2,778   2,     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0   0   73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,17     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   3     Min. Int. & Assoc. Share   0   0   0   0   0   0   0   0	EBITDA	210,472	211,621	211,148	150,634	203,089	300,483	314,239	331,192
EBIT   157,643   150,156   154,775   94,811   138,843   215,268   214,932   224,     Interest   580   73   3,862   4,117   4,318   2,750   2,778   2,7     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0   -73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   3     Min. Int. & Assoc. Share   0   0   0   0   0   0   0   0     Change (%)   -9.5   -14.1   1.0   -32.0   26.3   46.8   -2.5     Balance Sheet	EBITDA Margin (%)	29.8	28.6	27.1	19.2	23.7	30.2	30.6	30.9
Interest   580   73   3,862   4,117   4,318   2,750   2,778   2,     Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0   -73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   3     Min. Int. & Assoc. Share   0   0   0   0   0   0   0     Change (%)   -9.5   -14.1   1.0   -32.0   26.3   46.52   61,4     YE Mar   2014   2015 <td>Depreciation</td> <td>52,830</td> <td>61,465</td> <td>56,373</td> <td>55,823</td> <td>64,246</td> <td>85,216</td> <td>99,307</td> <td>106,624</td>	Depreciation	52,830	61,465	56,373	55,823	64,246	85,216	99,307	106,624
Other Income   71,719   65,706   59,406   55,156   46,583   58,737   42,076   39,     Extraordinary items   14   50   0   0   -73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   35.4   34.6   35.6   33.0   3     Min. Int. & Assoc. Share   0	EBIT	157,643	150,156	154,775	94,811	138,843	215,268	214,932	224,569
Extraordinary items   14   50   0   0   -73,844   0   0     PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,7     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,7     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   30     Min. Int. & Assoc. Share   0	Interest	580	73	3,862	4,117	4,318	2,750	2,778	2,806
PBT   228,795   215,839   210,319   145,850   107,264   271,255   254,230   261,     Tax   77,679   78,573   71,719   51,660   37,067   96,625   83,896   86,     Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   3     Min. Int. & Assoc. Share   0	Other Income	71,719	65,706	59,406	55,156	46,583	58,737	42,076	39,285
Tax 77,679 78,573 71,719 51,660 37,067 96,625 83,896 86,   Tax Rate (%) 34.0 36.4 34.1 35.4 34.6 35.6 33.0 33   Min. Int. & Assoc. Share 0 0 0 0 0 0 0 0   Reported PAT 151,116 137,266 138,601 94,190 70,198 174,630 170,334 174,   Adjusted PAT 159,881 137,266 138,601 94,190 118,942 174,630 170,334 174,   Change (%) -9.5 -14.1 1.0 -32.0 26.3 46.8 -2.5   Balance Sheet (INR Millit V/E Mar 2014 2015 2016 2017 2018 2019 2020E 200   Share Capital 63,164 63,164 63,164 63,164 62,074 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627 61,627	Extraordinary items	14	50	0	0	-73,844	0	0	0
Tax Rate (%)   34.0   36.4   34.1   35.4   34.6   35.6   33.0   33.0     Min. Int. & Assoc. Share   0	РВТ	228,795	215,839	210,319	145,850	107,264	271,255	254,230	261,048
Min. Int. & Assoc. Share   0   0   0   0   0   0   0     Reported PAT   151,116   137,266   138,601   94,190   70,198   174,630   170,334   174,7     Adjusted PAT   159,881   137,266   138,601   94,190   118,942   174,630   170,334   174,7     Change (%)   -9.5   -14.1   1.0   -32.0   26.3   46.8   -2.5     Balance Sheet   /// KMar   2014   2015   2016   2017   2018   2020E   20.0     Share Capital   63,164   63,164   63,164   62,074   61,627   61,627   61,627   61,627   61,627   61,627   61,627   61,627   61,627   61,627   61,627   62,074   202,027   22,027 <td>Тах</td> <td>77,679</td> <td>78,573</td> <td>71,719</td> <td>51,660</td> <td>37,067</td> <td>96,625</td> <td>83,896</td> <td>86,146</td>	Тах	77,679	78,573	71,719	51,660	37,067	96,625	83,896	86,146
Reported PAT   151,116   137,266   138,601   94,190   70,198   174,630   170,334   174, Adjusted PAT     Adjusted PAT   159,881   137,266   138,601   94,190   118,942   174,630   170,334   174, Adjusted PAT     Change (%)   -9.5   -14.1   1.0   -32.0   26.3   46.8   -2.5     Balance Sheet   (INR Millity)   2016   2017   2018   2019   20202   200     Share Capital   63,164   63,164   63,164   63,067   285,168   183,194   136,392   202,912   209,725   248,7     Net Worth   424,045   403,531   348,332   245,268   198,466   264,539   271,353   309,7     Debt   1,715   4,019   11,921   30,078   15,309   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027   22,027<	Tax Rate (%)	34.0	36.4	34.1	35.4	34.6	35.6	33.0	33.0
Adjusted PAT159,881137,266138,60194,190118,942174,630170,334174,Change (%)-9.5-14.11.0-32.026.346.8-2.5Balance SheetY/E Mar2014201520162017201820192020E200Share Capital63,16463,16463,16462,07462,07461,62761,62761,61Reserves360,881340,367285,168183,194136,392202,912209,725248,5Net Worth424,045403,531348,332245,268198,466264,539271,353309,5Debt1,7154,01911,92130,07815,30922,02722,02722,027Deferred Tax-19,717-19,591-20,445-27,328-53,551-42,692-42,692-42,692Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,5Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,4Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,1Capital WIP43,15851,59459,044103,078137,710136,984136,984136,0Investments0 <t< td=""><td>Min. Int. &amp; Assoc. Share</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	Min. Int. & Assoc. Share	0	0	0	0	0	0	0	0
Change (%)   -9.5   -14.1   1.0   -32.0   26.3   46.8   -2.5     Balance Sheet   (INR Milli     Y/E Mar   2014   2015   2016   2017   2018   2019   2020E   20     Share Capital   63,164   63,164   63,164   63,164   62,074   62,074   61,627   62,027   22,027   22,02	Reported PAT	151,116	137,266	138,601	94,190	70,198	174,630	170,334	174,902
Balance Sheet   (INR Milli     Y/E Mar   2014   2015   2016   2017   2018   2019   2020E   200     Share Capital   63,164   63,164   63,164   62,074   62,074   61,627   62,074   62,074   62,074   62,074   62,074   62,074   62,074   62,073   62,027   22,027	Adjusted PAT	159,881	137,266	138,601	94,190	118,942	174,630	170,334	174,902
Y/E Mar2014201520162017201820192020E200Share Capital63,16463,16463,16463,16462,07462,07461,62761,62761,62761,7Reserves360,881340,367285,168183,194136,392202,912209,725248,7Net Worth424,045403,531348,332245,268198,466264,539271,353309,7Debt1,7154,01911,92130,07815,30922,02722,02722,027Deferred Tax-19,717-19,591-20,445-27,328-53,551-42,692-42,692Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,7Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,1Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,5Capital WIP43,15851,59459,044103,078137,710136,984136,984136,5Investments00731063,4434,6224,6224,Lurrent Assets831,704873,074841,406809,377839,286857,149871,429942,5Inventory55,68161,8387	Change (%)	-9.5	-14.1	1.0	-32.0	26.3	46.8	-2.5	2.7
Y/E Mar2014201520162017201820192020E200Share Capital63,16463,16463,16462,07462,07461,62761,62761,62761,7Reserves360,881340,367285,168183,194136,392202,912209,725248,7Net Worth424,045403,531348,332245,268198,466264,539271,353309,7Debt1,7154,01911,92130,07815,30922,02722,02722,027Deferred Tax-19,717-19,591-20,445-27,328-53,551-42,692-42,692Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,7Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,1Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,5Capital WIP43,15851,59459,044103,078137,710136,984136,984136,5Investments00731063,4434,6224,6224,Lurrent Assets831,704873,074841,406809,377839,286857,149871,429942,5Inventory55,68161,83875,6928	Balance Sheet							(1)	NR Million)
Reserves360,881340,367285,168183,194136,392202,912209,725248,7Net Worth424,045403,531348,332245,268198,466264,539271,353309,7Debt1,7154,01911,92130,07815,30922,02722,0	Y/E Mar	2014	2015	2016	2017	2018	2019		2021E
Net Worth424,045403,531348,332245,268198,466264,539271,353309,4Debt1,7154,01911,92130,07815,30922,02725,03725,057	Share Capital	63,164	63,164	63,164	62,074	62,074	61,627	61,627	61,627
Debt1,7154,01911,92130,07815,30922,027 <td>Reserves</td> <td>360,881</td> <td>340,367</td> <td>285,168</td> <td>183,194</td> <td>136,392</td> <td>202,912</td> <td>209,725</td> <td>248,204</td>	Reserves	360,881	340,367	285,168	183,194	136,392	202,912	209,725	248,204
Deferred Tax-19,717-19,591-20,445-27,328-53,551-42,692-42,692-42,692Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,3Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,4Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,4Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,4Capital WIP43,15851,59459,044103,078137,710136,984136,984136,984Investments00731063,4434,6224,6224,622Inventory55,68161,83875,69289,45364,43955,83970,39373,35	Net Worth	424,045	403,531	348,332	245,268	198,466	264,539	271,353	309,831
Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,7Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,4Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,0Capital WIP43,15851,59459,044103,078137,710136,984136,984136,0Investments00731063,4434,6224,6224,0Lurrent Assets831,704873,074841,406809,377839,286857,149871,429942,0Inventory55,68161,83875,69289,45364,43955,83970,39373,3	Debt	1,715	4,019	11,921	30,078	15,309	22,027	22,027	22,027
Total Capital Employed406,678388,617340,855251,477163,849247,943254,756293,7Gross Fixed Assets414,795448,080234,137276,883325,733401,631481,631561,4Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,0Capital WIP43,15851,59459,044103,078137,710136,984136,984136,0Investments00731063,4434,6224,6224,0Lurrent Assets831,704873,074841,406809,377839,286857,149871,429942,0Inventory55,68161,83875,69289,45364,43955,83970,39373,3	Deferred Tax	-19,717	-19,591	-20,445	-27,328	-53,551	-42,692	-42,692	-42,692
Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,2Capital WIP43,15851,59459,044103,078137,710136,984136,984136,984136,984Investments00731063,4434,6224,6224,0224,022Inventory55,68161,83875,69289,45364,43955,83970,39373,32	Total Capital Employed	406,678	388,617	340,855	251,477	163,849	247,943	254,756	293,235
Less: Acc Depreciation266,951286,92926,82455,98484,805115,888152,792192,0Net Fixed Assets147,844161,150207,314220,900240,928285,742328,839369,2Capital WIP43,15851,59459,044103,078137,710136,984136,984136,9Investments00731063,4434,6224,6224,6Current Assets831,704873,074841,406809,377839,286857,149871,429942,5Inventory55,68161,83875,69289,45364,43955,83970,39373,5	Gross Fixed Assets	414,795	448,080	234,137	276,883	325,733	401,631	481,631	561,631
Capital WIP43,15851,59459,044103,078137,710136,984136,984136,984Investments00731063,4434,6224,6224,622Current Assets831,704873,074841,406809,377839,286857,149871,429942,5Inventory55,68161,83875,69289,45364,43955,83970,39373,5	Less: Acc Depreciation	266,951	286,929	26,824	55,984	84,805	115,888	152,792	192,096
Investments   0   0   73   106   3,443   4,622<	Net Fixed Assets	147,844	161,150	207,314	220,900	240,928	285,742	328,839	369,535
Current Assets831,704873,074841,406809,377839,286857,149871,429942,5Inventory55,68161,83875,69289,45364,43955,83970,39373,5	Capital WIP	43,158	51,594	59,044	103,078	137,710	136,984	136,984	136,984
Inventory 55,681 61,838 75,692 89,453 64,439 55,839 70,393 73,	Investments	0	0	73	106	3,443	4,622	4,622	4,622
	Current Assets	831,704	873,074	841,406	809,377	839,286	857,149	871,429	942,972
Debtors 82 410 85 219 114 476 107 359 86 892 54 986 70 393 79	Inventory	55,681	61,838	75,692	89,453	64,439	55,839	70,393	73,323
	Debtors	82,410	85,219	114,476	107,359	86,892	54,986	70,393	79,188
Cash & Bank 561,644 559,060 409,137 327,021 326,394 338,330 322,648 382,4	Cash & Bank	561,644	559,060	409,137	327,021	326,394	338,330	322,648	382,467
									407,994
									1,160,878
	Curr. Liabilities								1,160,878
Provisions 0 0 0 0 0 0 0	Provisions	0			0				0
Net Current Assets 215,676 175,873 74,425 -72,607 -218,232 -179,405 -215,688 -217,5	Net Current Assets	215,676	175,873	74,425	-72,607	-218,232	-179,405	-215,688	-217,906
									293,235

## **Financials and Valuations**

Ratios								
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	<b>2021</b> E
Basic (INR)								
EPS	25.3	21.7	22.6	15.2	19.2	28.3	27.6	28.4
Cash EPS	33.7	31.5	31.5	24.2	29.5	42.2	43.8	45.7
Book Value	67.1	63.9	55.1	39.5	32.0	42.9	44.0	50.3
DPS	29.0	20.7	27.4	19.9	16.5	13.1	22.1	18.4
Payout (incl. Div. Tax.)	129.5	112.9	145.5	160.3	103.3	55.5	96.0	78.0
Valuation(x)								
P/E	11.4	16.7	12.9	19.3	14.8	7.4	7.6	7.4
Price / Book Value	4.3	5.7	5.3	7.4	8.9	4.9	4.7	4.2
EV/EBITDA	6.0	8.2	6.7	10.1	7.1	3.2	3.1	2.8
Dividend Yield (%)	10.1	5.7	9.4	6.8	5.8	6.3	10.6	8.8
EV /ton of Reserves	57.9	79.7	66.6	69.9	66.6	44.7	45.4	42.7
Profitability Ratios (%)								
RoE	35.6	34.0	41.0	38.4	35.4	66.0	62.8	56.5
RoCE	34.4	34.5	39.9	32.7	58.4	85.7	68.5	64.5
RoIC	-51.3	-45.5	-60.6	-40.0	-37.7	-51.7	-65.2	-68.3
Turnover Ratios (%)								
Asset Turnover (x)	1.7	1.9	2.3	3.1	5.2	4.0	4.0	3.7
Debtors (No. of Days)	43	42	54	50	37	20	25	27
Inventory (No. of Days)	29	30	35	42	27	20	25	25
Creditors (No. of Days)	4	5	15	18	19	25	20	21
Leverage Ratios (%)								
Net Debt/Equity (x)	-1.3	-1.4	-1.1	-1.2	-1.6	-1.2	-1.1	-1.2
Cash Flow Statement							(1	NR Million)
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
Adjusted EBITDA	210,472	211,621	211,148	150,634	203,089	300,483	314,239	331,192
Non cash opr. exp (inc)	20,597	21,428	25,840	37,046	-54,587	10,718	10,735	10,930
(Inc)/Dec in Wkg. Cap.	2,442	6,487	-26,697	60,216	138,450	-48,918	-41,802	-5,283
Tax Paid	-88,264	-95,721	-78,754	-89,427	-74,329	-95,329	-83,896	-86,146
Other operating activities	0	0	0	0	0	0	0	00,110
CF from Op. Activity	145,247	143,815	131,538	158,469	212,623	166,955	199,276	250,693
(Inc)/Dec in FA & CWIP	-41,164	-49,014	-57,857	-86,761	-85,293	-73,393	-80,000	-80,000
Free cash flows	104,083	94,801	73,681	71,707	127,330	93,561	119,276	170,693
(Pur)/Sale of Invt	-13,799	9,615	-1	-50	-3,332	-1,184	0	0
Others	78,554	43,256	47,005	34,433	23,747	40,464	31,340	28,355
CF from Inv. Activity	23,590	3,857	-10,852	-52,379	-64,878	-34,114	-48,660	-51,645
Inc/(Dec) in Net Worth	0	0	0	-45,531	0	0	0	0
Inc / (Dec) in Debt	-12,634	1,935	9,902	18,169	-14,778	6,718	0	0
Interest Paid	-580	-73	-207	-306	-370	-96	-2,778	-2,806
Divd Paid (incl Tax) & Others	-240,289	-152,119	-205,569	-148,311	-120,725	-108,138	-163,521	-136,424
CF from Fin. Activity	-253,503	-150,257	-195,874	-175,980	-135,873	-101,516	-166,299	-139,230
Inc/(Dec) in Cash	-84,665	-2,585	-75,188	-69,890	11,872	31,325	-15,682	59,819
Add: Opening Balance	646,310	561,644	559,060	409,137	327,021	326,394	338,330	322,648
Closing Balance	561,644	559,060	483,872	339,247	338,893	357,719	322,648	382,467
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NOTES

Explanation of Investment Rating						
Investment Rating	Expected return (over 12-month)					
BUY	>=15%					
SELL	< - 10%					
NEUTRAL	< - 10 % to 15%					
UNDER REVIEW	Rating may undergo a change					
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation					

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

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