

# **Britannia Industries**

Estimate change	
TP change	
Rating change	$\leftarrow$

Bloomberg	BRIT IN
Equity Shares (m)	240
M.Cap.(INRb)/(USDb)	851.4 / 11.4
52-Week Range (INR)	4152 / 3306
1, 6, 12 Rel. Per (%)	-2/-7/-24
12M Avg Val (INR M)	1683

### Financials & Valuations (INR b)

Y/E March	2022E	2023E	2024E
Sales	140.5	159.9	181.9
Sales Gr. (%)	6.9	13.8	13.7
EBITDA	21.7	25.8	31.2
Margins (%)	15.5	16.2	17.2
Adj. PAT	15.3	18.4	22.4
Adj. EPS (INR)	63.7	76.3	93.0
EPS Gr. (%)	-17.1	19.7	21.9
BV/Sh.(INR)	196.8	212.0	230.6
Ratios			
RoE (%)	37.0	37.3	42.0
RoCE (%)	23.6	25.4	29.7
Payout (%)	80.0	80.0	80.0
Valuations			
P/E (x)	55.6	46.4	38.1
P/BV (x)	18.0	16.7	15.4
EV/EBITDA (x)	38.1	32.0	26.3
Div. Yield (%)	1.4	1.7	2.1

### Shareholding pattern (%)

As On	Dec-21	Sep-21	Dec-20
Promoter	50.6	50.6	50.6
DII	11.5	11.5	10.7
FII	17.6	17.7	17.7
Others	20.3	20.3	21.1

FII Includes depository receipts

# CMP: INR3,535 TP: INR4,180 (+18%) Buy In-line result, material cost pressure is an overhang

- Though BRIT's 3QFY22 result was broadly in line with expectations, the recovery on margins is likely to take longer than anticipated.
- Positives from the results were: a) about 6% base business volume growth, which was creditable given that grammage reduction has played a key role in the 8% effective price increase YTD; b) overall volume growth of 6% and sales growth of 13% that were still better than staple peers; and c) continued market share gains, with healthy performance in rural India (unlike staples peers). BRIT also saw good traction in Milk Bikis and Potazos.
- Conversely, the key overhangs included: a) higher-than-expected material cost inflation that escalated pressure on gross margin (especially for a business with ~40% gross margin) and b) sequential increase in ICDs for two quarters (albeit still down v/s Mar'21 level).
- We believe massive investments in distribution and capacity expansion (both of which are largely complete) in recent years would lead to double-digit sales growth. Margin will bounce back once the ongoing commodity cost pressures abate leading to high teens earnings growth. Maintain **BUY**.

### Largely in-line quarter

- BRIT's 3QFY22 consolidated sales rose 12.9% YoY to INR35.7b (in line). Consolidated EBITDA declined 11.7% YoY to INR5.4b (in line). Consolidated PBT dipped 17.4% YoY to INR5.1b (in-line), while consolidated Adj. PAT decreased 18.1% YoY to INR3.7b (in line).
- Base business volume growth was at ~6% in 3QFY22 (in line).
- Consolidated gross margin contracted 520bp YoY to 37.9%.
- Lower staff costs (-60bp YoY) and lower other expenses (-40bp YoY) led to in-line EBITDA margin contraction of 420bp YoY to 15.1%.
- BRIT's sales grew 5.8% YoY in 9MFY22, while EBITDA/Adj. PAT declined 17.6%/23.6% YoY, respectively.

### Highlights from the management commentary

- **Healthy rural growth:** BRIT's rural growth was 2x that of urban growth, unlike the rural slowdown mentioned by peers.
- Market share growth continued and BRIT widened its share versus Parle during both 9MFY22 and 3QFY22.
- Price increases (YTD 8% of which 4-5% have been in the form of grammage reduction) have addressed cost inflation until 2QFY22, when inflation was 14% YoY. Management will evaluate further actions to address additional cost increases of ~4% and 1.5% in 3QFY22 and 4QFY22 QTD, respectively. BRIT has planned further price increases of 2% in 4QFY22 but it will need 4% hike to offset the entire RM inflation, which is higher than expected.
- New initiatives: Potazos (a bridge between snacks and biscuits) is tracking an annual run rate of INR700m sales and seeing further growth MoM. Milk Bikis has become a national brand now and it has been a key sales and volume growth driver recently. Tiger Crunch is an INR3b brand now.

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■ **Group ICDs stood at ~INR 5.8b in Dec'21.** While these were well below the INR7.9b level in Mar'22, there has been a sequential increase in each of the past two quarters from INR5.05b in Sep'21 and INR 4.7b in Jun'21.

### Valuation and view: Result in line; valuation inexpensive – Reiterate BUY

- While BRIT's in-line result meant no material change in FY22 EPS, the ongoing commodity cost inflation has led to 6-8% cuts in our FY23E and FY24E EPS.
- The base on margins is likely to be less challenging in subsequent quarters, and the longer term opportunity is extremely attractive.
- The stock trades at an inexpensive valuation of 38.1x FY24E given: a) a strong track record of ~18%/30% EPS CAGR in the preceding 5/10 years ended FY21, b) one of the best structural growth opportunities in the sector, and c) a best-of-breed RoE of over 35%. These valuations are at a substantial discount to its historical three-/five-year average of 48x/49x, respectively. Maintain **BUY** with a TP of INR4,180, targeting 45x FY24E EPS.

Consol. Quarterly Performance												(INR b
Y/E March		FY21			FY22			FY21	FY22E	FY22	Var.	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Base business volume growth (%)	21.0	9.0	3.0	8.0	1.0	5.0	6.0	3.0	10.0	3.9	6.0	
Net Sales	34.2	34.2	31.7	31.3	34.0	36.1	35.7	34.6	131.4	140.5	35.1	1.7
YoY change (%)	26.7	12.1	6.1	9.2	-0.5	5.5	12.9	10.5	13.2	6.9	11.0	
Gross Profit	14.2	14.5	13.6	12.7	13.2	13.5	13.6	13.2	55.1	53.4	13.4	
Margin (%)	41.7	42.5	43.1	40.5	38.7	37.5	37.9	38.0	41.9	38.0	38.0	
EBITDA	7.2	6.8	6.1	5.1	5.5	5.6	5.4	5.2	25.1	21.7	5.6	(2.8)
Margin (%)	21.0	19.8	19.3	16.1	16.3	15.5	15.1	15.1	19.1	15.5	15.8	
YoY growth (%)	81.7	37.2	21.8	11.3	-22.8	-17.3	-11.7	3.2	36.1	-13.4	-9.2	
Depreciation	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0	2.0	0.5	
Interest	0.3	0.3	0.3	0.2	0.3	0.4	0.4	0.4	1.1	1.5	0.6	
Other Income	0.9	0.7	0.8	0.6	0.6	0.5	0.6	0.6	3.1	2.3	0.7	
PBT	7.4	6.7	6.1	4.9	5.3	5.2	5.1	4.9	25.1	20.5	5.1	0.2
Tax	1.9	1.7	1.6	1.3	1.4	1.4	1.4	0.9	6.6	5.2	1.2	
Rate (%)	26.4	26.1	26.2	26.9	27.2	27.0	26.9	19.3	26.4	25.2	23.0	
Adjusted PAT	5.4	5.0	4.5	3.6	3.9	3.8	3.7	3.9	18.5	15.3	3.9	(4.9)
YoY change (%)	105.4	22.7	22.5	-3.5	-28.7	-23.0	-18.1	9.9	31.2	-17.1	-13.9	

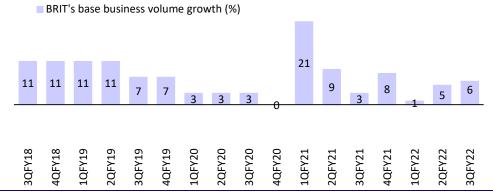
E: MOFSL Estimates

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Y/E March		EV.	21		-	FY22	
T/E WIAICH		FY21					
	1Q	2Q	3Q	4Q	1Q	2Q	3Q
2Y average growth %							
Volumes	12.0	6.0	3.0	4.0	11.0	7.0	4.5
Sales	16.4	9.2	5.5	5.8	13.1	8.8	9.5
EBITDA	41.5	22.8	16.5	7.7	29.5	9.9	5.0
PAT	53.9	28.0	22.7	11.5	38.3	-0.1	2.2
% sales							
COGS	58.3	57.5	56.9	59.5	59.7	59.1	60.3
Staff cost	4.0	3.9	4.2	4.0	4.2	4.1	4.2
Others	16.7	18.8	19.6	20.4	20.6	19.9	19.6
Depreciation	1.4	1.4	1.5	1.7	1.4	1.4	1.4
YoY change %							
COGS	24.0	7.7	2.1	7.7	4.5	14.7	23.2
Staff cost	13.6	8.8	8.4	2.7	1.7	14.2	-2.9
Others	-0.9	5.8	4.4	13.3	9.3	-0.5	10.8
Other income	38.9	7.9	26.7	-19.6	-35.5	-27.3	-33.2
EBIT	91.2	40.1	23.6	11.5	-24.6	-18.9	-13.1

# **Key exhibits**

Exhibit 1: Volumes from BRIT's base business up 6% in 3QFY22



Source: Company, MOFSL

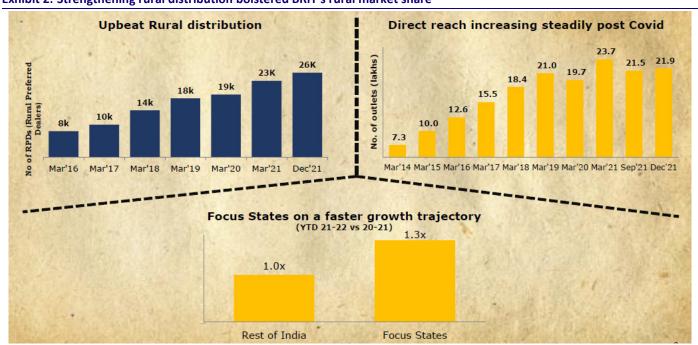
### Standalone performance

■ Standalone sales rose 13.3% YoY while EBITDA/Adj. PAT declined 10.2%/16.8% YoY, respectively. EBITDA margin contracted 400bp YoY to 15.2%.

### Imputed subsidiary performance

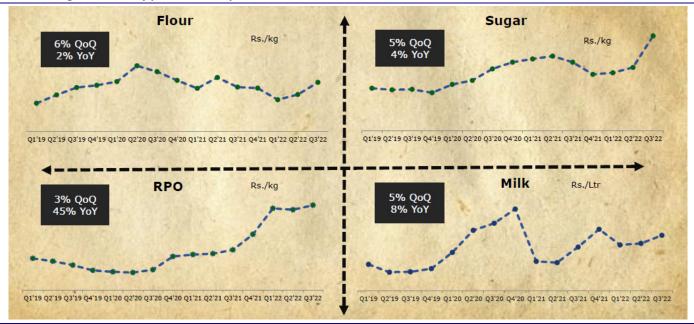
 Imputed subsidiary sales grew 7.7% YoY to INR2b while EBITDA/Adj. PAT declined 33.2%/46.6% YoY to INR273m/INR146m, respectively.

Exhibit 2: Strengthening rural distribution bolstered BRIT's rural market share



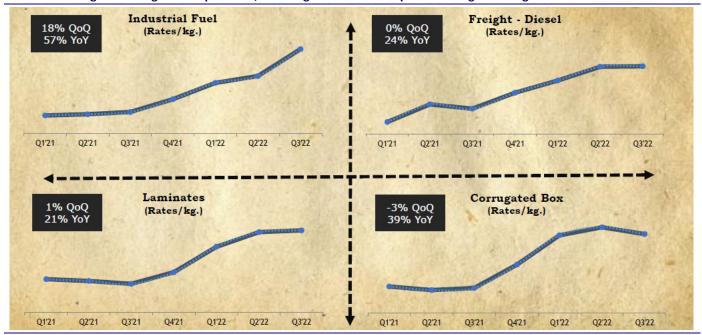
Source: Company presentation

Exhibit 3: High inflationary pressure in key commodities continued...



Source: Company presentation

Exhibit 4: ..along with rising other input costs, resulting in considerable pressure on gross margin



Source: Company presentation

Motilal Oswal

Material Inflation % (YoY) **Price Increase %** growth v/s respective PY quarters growth v/s respective PY quarters On Revenue base On Cost base 10% 20% 14% 4% 4% 1% Q1 Q2 Q3 Q4E Q2 Q3 Q1

Exhibit 5: Sharp RM inflation has necessitated price hikes

Source: Company presentation

**Britannia Industries** 



## Key takeaways from the management interaction

### Rural growth is excellent

- BRIT's own rural growth was 2x that of urban growth despite rural slowdown as mentioned by FMCG peers. This was led by its continued distribution expansion in rural areas.
- Rural dealerships stood at 26,000 in Dec'21 v/s 23,000 and 19,000 in Mar'21 and Mar'20, respectively.
- There has been a temporary drop in direct reach from 2.4m outlets in Mar'21 to 2.2m outlets in Dec'21. Management sees a potential for direct reach up to 3m.
- Focus states are growing at 1.3x national average.
- BRIT registered high single-digit domestic volume growth in 3QFY22. Total consolidated volume growth was ~5%.

### Market share gain

BRIT continued to gain market share. It has widened share versus Parle in both 9MFY22 and 3QFY22.

### RM inflation and response

- Wheat and sugar prices are rising internationally.
- For BRIT, wheat has seen inflation of 6% QoQ and 2% YoY. Sugar rose 5% QoQ and 4% YoY.
- BRIT's overall RM basket was up 4% QoQ and 20% YoY in 3QFY22 driven by high inflation in palm oil and packaging costs.
- BRIT has taken price increases of 8% YTD of which 4-5% have been in the form of grammage cuts. This has helped address RM cost pressure until 2QFY22, when inflation was 14% YoY.
- The company has taken 1.5% price increases so far in 4QFY22.
- The company will evaluate actions to address the higher-than-expected RM inflation in 3QFY22 along with further 1.5% inflation so far in 4QFY22. While it has planned 2% price increases in 4QFY22, BRIT will need 4% increase to offset the entire RM inflation.

- BRIT may see flattish sequential margin in 4QFY22 with improved margin from 1QFY23 onwards. Volume growth is good and the management does not want to upset the balance for now.
- The channel mix impact is still affecting margin, which will normalize gradually.

### **Key new brand performance/ relaunches**

- Newly launched Potazos (bridge between snacks and biscuits) have now reached annual sales run rate of INR 700m. It is witnessing further growth MoM. It has better value-for-money than mainstream salty snacks majors as there is less air in the bag. Potazos is accretive to the overall margin of BRIT.
- BRIT is looking at more products in salted snacks including extruded snacks.
- Milk Bikis has become a national brand now and has been a key driver of sales and volume growth recently.
- Tiger Crunch is an INR3b brand now.
- BRIT also launched multiple flavor packs of GoodDay and relaunched the brand.
- Adjacencies are performing well:
- Bread and Rusks are doing well on margins and growth.
- Cakes recovery is slower.
- Dairy and drinks are doing well now.
- Croissants have seen strong growth in the markets where the product has been launched. BRIT has reworked the product recently to improve product quality. National launch in major cities is likely in 1QFY23.

### **Group ICDs**

■ Group ICDs stood at ~INR 5.8b in Dec'21. While these were well below the INR7.9b level in Mar'22, there has been a sequential increase in each of the past two quarters from INR5.05b in Sep'21 and INR 4.7b in Jun'21.

### Result in line; valuation inexpensive - Reiterate BUY

### What happened in the last decade?

- The last decade that ended in FY20 was a phenomenal one for BRIT due to: (a) huge market share gains, (b) a strengthening distribution reach (particularly direct reach), and (c) better product development v/s peers.
- The distribution advantage is particularly important for Foods players such as BRIT as the velocity of food consumption is much higher v/s personal care products. With the stated goal of being a total Foods player, the company's utilization would play a crucial role in its expansion to other Foods subcategories.
- Its financial performance over the last decade has been splendid, with BRIT reporting a ~12% sales CAGR, and EBITDA and PAT CAGRs of ~27% each. This is easily among the best of breed for the decade v/s other Consumer peers. Its financial performance over the past five years (ended FY20) has also been healthy it has reported a sales/EBITDA/PAT CAGR of ~8%/~16%/~20%, respectively.

### Our view on the stock

While BRIT's in-line result meant no material change in FY22 EPS, the ongoing commodity cost inflation has led to 6-8% cuts in our FY23E and FY24E EPS.

- The base on margins is likely to be less challenging in subsequent quarters, and the longer term opportunity is extremely attractive.
- The stock trades at an inexpensive valuation of 38.1x FY24E given: a) a strong track record of ~18%/30% EPS CAGR in the preceding 5/10 years ended FY21, b) one of the best structural growth opportunities in the sector, and c) a best-ofbreed RoE of over 35%. These valuations are at a substantial discount to its historical three-/five-year average of 48x/49x, respectively. Maintain BUY with a TP of INR4,180, targeting 45x FY24E EPS.

Exhibit 6: We reduce our FY23E/FY24E EPS by 7.5%/6.3%

-	New			Old			Change (%)		
(INR b)	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E
Net Sales	140.5	159.9	181.9	139.7	159.0	180.9	0.5	0.5	0.6
EBITDA	21.7	25.8	31.2	22.3	27.6	32.9	-2.7	-6.4	-5.0
Adjusted PAT	15.3	18.4	22.4	15.5	19.9	23.9	-1.1	-7.5	-6.3

Exhibit 8: Consumer sector P/E (x) P/E (x)

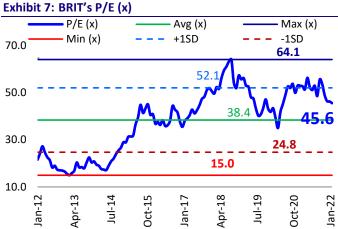
Min (x)

Source: Company, MOFSL

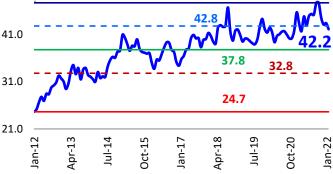
Max (x)

-1SD

47.8



51.0



Avg (x)

+1SD

Source: Company, MOFSL Source: Company, MOFSL

31 January 2022

# **Financials and valuations**

Income Statement Y/E March	2017	2018	2019	2020	2021	2022E	2023E	(INR b) 2024E
Net Revenues	90.5	99.1	110.5	116.0	131.4	140.5	159.9	181.9
Change (%)	7.8	9.5	11.5	4.9	13.2	6.9	13.8	13.7
Gross Profit	34.7	38.1	44.9	46.7	55.1	53.4	63.1	73.7
Margin (%)	38.3	38.4	40.6	40.3	41.9	38.0	39.5	40.5
Other Expenditure	18.0	18.9	22.6	23.5	30.0	25.7	30.3	34.6
EBITDA	12.8	15.0	17.3	18.4	25.1	21.7	25.8	31.2
Change (%)	5.2	17.5	15.4	6.3	36.1	-13.4	18.9	20.9
Margin (%)	14.1	15.1	15.7	15.9	19.1	15.5	16.2	17.2
Depreciation	1.2	1.4	1.6	1.8	2.0	2.0	2.3	2.6
Int. and Fin. Charges	0.1	0.1	0.1	0.8	1.1	1.5	1.7	1.8
Financial Other Income	1.5	1.7	2.1	2.8	3.1	2.3	2.7	3.1
PBT	13.0	15.2	17.7	18.6	25.1	20.5	24.6	29.9
Tax	4.0	5.1	6.0	4.5	6.6	5.2	6.2	7.5
Deferred Tax	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Tax Rate (%)	32.2	33.9	34.6	24.2	26.4	25.2	25.2	25.2
PAT	8.8	10.0	11.6	14.1	18.5	15.3	18.4	22.4
Change (%)	7.3	13.6	15.2	21.9	31.2	-17.1	19.7	21.9
Margin (%)	9.8	10.1	10.5	12.2	14.1	10.9	11.5	12.3
Non-rec. (Exp.)/Income	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
Reported PAT	8.8	10.0	11.6	13.9	18.5	15.3	18.4	22.4
Balance Sheet								(INR b)
Y/E March	2017	2018	2019	2020	2021	2022E	2023E	2024E
Share Capital	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Reserves	26.7	33.8	42.3	43.8	35.2	47.2	50.8	55.3
Net worth	27.0	34.1	42.5	44.0	35.5	47.4	51.1	55.6
Minority Interest	0.0	0.1	0.3	0.4	0.4	0.0	0.0	0.0
Loans	1.2	2.0	1.6	15.4	20.9	20.9	19.5	18.3
Capital Employed	28.2	36.2	44.4	59.8	56.7	68.3	70.6	73.9
Gross Block	12.3	15.6	20.6	24.8	25.8	27.3	32.3	35.8
Less: Accum. Depn.	-2.0	-3.4	-5.0	-7.4	-9.3	-11.4	-13.7	-16.3
Net Fixed Assets	10.3	12.2	15.6	17.4	16.4	15.9	18.6	19.5
Goodwill on consolidation	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
Capital WIP	0.3	2.0	1.0	0.4	1.2	1.2	1.2	1.2
Investments	4.9	10.8	14.8	28.9	27.9	37.9	39.8	41.6
Current	3.6	8.9	9.2	14.1	13.9	21.1	22.2	23.1
Non-current	1.3	1.9	5.6	14.8	14.0	16.8	17.6	18.5
Deferred Liability	-0.2	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0

E: MOFSL Estimates

**Net Current Assets** 

**Currents Assets** 

**Account Receivables** 

Curr. Liab. & Prov.

Account Payables

Other Liabilities

**Net Assets** 

Cash and Bank Balance

Inventory

Others

31 January 2022 8

24.1

6.6

1.8

1.2

14.5

12.9

7.6

5.3

11.2

28.2

25.4

6.5

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31.7

18.4

13.3

10.3

73.9

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# **Financials and valuations**

Ratios								
Y/E March	2017	2018	2019	2020	2021	2022E	2023E	2024E
Basic (INR)								
EPS	36.8	41.8	48.1	58.6	76.8	63.7	76.3	93.0
BV/Share	112.4	141.9	177.0	183.1	147.3	196.8	212.0	230.6
DPS	11.0	12.5	15.0	35.0	61.4	51.0	61.0	74.4
Payout (%)	29.9	29.9	31.2	59.7	80.0	80.0	80.0	80.0
Valuation (x)								
P/E	96.1	84.7	73.6	60.4	46.1	55.6	46.4	38.1
EV/Sales	9.3	8.5	7.6	7.2	6.4	5.9	5.2	4.5
EV/EBITDA	66.1	55.9	48.3	45.4	33.6	38.1	32.0	26.3
P/BV	31.5	25.0	20.0	19.3	24.1	18.0	16.7	15.4
Dividend Yield	0.3	0.4	0.4	1.0	1.7	1.4	1.7	2.1
Return Ratios (%)								
RoE	36.9	32.9	30.2	32.6	46.5	37.0	37.3	42.0
RoCE	31.1	27.9	25.5	24.1	29.2	23.6	25.4	29.7
RoIC	45.6	41.5	41.9	44.3	62.2	62.3	76.8	89.1
Working Capital Ratios								
Debtor (Days)	7	11	13	10	7	12	11	11
Asset Turnover (x)	3.2	2.7	2.5	1.9	2.3	2.1	2.3	2.5
Laurence Batta								
Leverage Ratio								
Debt/Equity (x)	0.0	0.1	0.0	0.3	0.6	0.4	0.4	0.3
Debt/Equity (x)	0.0	0.1	0.0	0.3	0.6	0.4		
Debt/Equity (x)  Cash Flow Statement							(INR b)	(INR b)
Debt/Equity (x)  Cash Flow Statement Y/E March	2017	2018	2019	2020	2021	2022E	(INR b) 2023E	(INR b) 2024E
Cash Flow Statement Y/E March OP Profit	<b>2017</b> 13.0	<b>2018</b> 15.2	<b>2019</b> 17.7	<b>2020</b> 18.4	<b>2021</b> 25.1	<b>2022E</b> 20.5	(INR b) 2023E 24.6	(INR b) 2024E 29.9
Cash Flow Statement Y/E March OP Profit Dep	<b>2017</b> 13.0 1.2	<b>2018</b> 15.2 1.4	<b>2019</b> 17.7 1.6	2020 18.4 1.8	2021 25.1 2.0	<b>2022E</b> 20.5 2.0	(INR b) 2023E 24.6 2.3	(INR b) 2024E 29.9 2.6
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income	2017 13.0 1.2 -0.5	2018 15.2 1.4 -0.5	2019 17.7 1.6 -0.5	2020 18.4 1.8 -0.7	2021 25.1 2.0 -0.5	2022E 20.5 2.0 -2.3	(INR b) 2023E 24.6 2.3 -2.7	(INR b) 2024E 29.9 2.6 -3.1
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid	2017 13.0 1.2 -0.5 0.8	2018 15.2 1.4 -0.5 1.0	2019 17.7 1.6 -0.5 1.3	2020 18.4 1.8 -0.7 1.0	2021 25.1 2.0 -0.5 1.2	2022E 20.5 2.0 -2.3 1.5	(INR b) 2023E 24.6 2.3 -2.7 1.7	(INR b) 2024E 29.9 2.6 -3.1 1.8
Debt/Equity (x)  Cash Flow Statement  Y/E March  OP Profit  Dep  Financial Other Income  Net Interest Paid  Direct Taxes Paid	2017 13.0 1.2 -0.5 0.8 4.0	2018 15.2 1.4 -0.5 1.0 5.0	2019 17.7 1.6 -0.5 1.3 6.0	2020 18.4 1.8 -0.7 1.0 5.0	2021 25.1 2.0 -0.5 1.2 6.3	2022E 20.5 2.0 -2.3 1.5 5.2	(INR b) 2023E 24.6 2.3 -2.7 1.7 6.2	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC	2017 13.0 1.2 -0.5 0.8 4.0 4.5	2018 15.2 1.4 -0.5 1.0 5.0 -2.3	2019 17.7 1.6 -0.5 1.3 6.0 0.0	2020 18.4 1.8 -0.7 1.0 5.0 -1.3	2021 25.1 2.0 -0.5 1.2 6.3 0.6	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0	(INR b) 2023E 24.6 2.3 -2.7 1.7 6.2 -0.7	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5	2019 17.7 1.6 -0.5 1.3 6.0 0.0	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6	(INR b) 2023E 24.6 2.3 -2.7 1.7 6.2 -0.7 17.0	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7
Debt/Equity (x)  Cash Flow Statement  Y/E March  OP Profit  Dep  Financial Other Income  Net Interest Paid  Direct Taxes Paid  Inc in WC  CF from Operations  (Inc)/Dec in FA	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5	(INR b) 2023E 24.6 2.3 -2.7 1.7 6.2 -0.7 17.0 -5.0	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt Dividend Paid	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0 2.9	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0 3.2	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4 3.5	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3 4.3	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7 28.2	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0 12.3	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3  14.7	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2 17.9
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt Dividend Paid Other Item	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0 2.9 0.1	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0 3.2 -0.7	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4 3.5 -0.1	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3 4.3 0.2	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7 28.2 0.9	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0 12.3 1.5	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3  14.7  1.7	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2 17.9 1.8
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt Dividend Paid Other Item CF from Fin. Activity	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0 2.9 0.1 -3.0	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0 3.2 -0.7 -2.3	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4 3.5	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3 4.3 0.2 0.6	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7 28.2	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0 12.3 1.5 -13.8	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3  14.7  1.7  -17.7	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2 17.9
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt Dividend Paid Other Item CF from Fin. Activity Inc/Dec of Cash	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0 2.9 0.1 -3.0 0.3	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0 3.2 -0.7 -2.3 0.7	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4 3.5 -0.1 -3.5 -0.8	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3 4.3 0.2 0.6 0.1	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7 28.2 0.9 -22.4 0.9	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0 12.3 1.5 -13.8 5.2	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3  14.7  1.7  -1.6	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2 17.9 1.8 -20.9 1.3
Cash Flow Statement Y/E March OP Profit Dep Financial Other Income Net Interest Paid Direct Taxes Paid Inc in WC CF from Operations (Inc)/Dec in FA Free Cash Flow (Pur.)/Sale of Investments Other Non Rec Exp CF from Investments Issue of Shares Inc in Debt Dividend Paid Other Item CF from Fin. Activity	2017 13.0 1.2 -0.5 0.8 4.0 4.5 4.4 -3.5 0.9 3.6 -1.2 -1.1 0.1 0.0 2.9 0.1 -3.0	2018 15.2 1.4 -0.5 1.0 5.0 -2.3 12.5 -4.2 8.3 -5.4 0.1 -9.5 0.2 0.0 3.2 -0.7 -2.3	2019 17.7 1.6 -0.5 1.3 6.0 0.0 11.6 -4.0 7.6 -3.3 -1.5 -8.8 0.3 -0.4 3.5 -0.1 -3.5	2020 18.4 1.8 -0.7 1.0 5.0 -1.3 14.8 -2.4 12.4 -13.3 0.4 -15.3 7.4 -2.3 4.3 0.2 0.6	2021 25.1 2.0 -0.5 1.2 6.3 0.6 18.5 -2.4 16.1 1.8 5.4 4.8 1.0 5.7 28.2 0.9 -22.4	2022E 20.5 2.0 -2.3 1.5 5.2 -3.0 16.6 -1.5 15.1 -9.9 13.8 2.4 0.0 0.0 12.3 1.5 -13.8	(INR b)  2023E  24.6  2.3  -2.7  1.7  6.2  -0.7  17.0  -5.0  12.0  -1.9  6.1  -0.8  0.0  -1.3  14.7  1.7  -17.7	(INR b) 2024E 29.9 2.6 -3.1 1.8 7.5 -0.6 20.7 -3.5 17.2 -1.8 6.7 1.4 0.0 -1.2 17.9 1.8

E: MOFSL Estimates

### 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. Disclosures

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