

## **Titan Company**

**BSE SENSEX S&P CNX** 38,685 11,598

TP: INR1,300(+17%) CMP: INR1,107



#### Stock Info

Bloomberg	TTAN IN
Equity Shares (m)	888
M.Cap.(INRb)/(USDb)	982.7 / 14.2
52-Week Range (INR)	1146 / 732
1, 6, 12 Rel. Per (%)	1/27/5
12M Avg Val (INR M)	2725
Free float (%)	47.1

### Financials Snapshot (INR b)

		- 1	
Y/E Mar	<b>2019E</b>	2020E	2021E
Net Sales	196.3	234.7	282.1
EBITDA	20.8	26.1	32.7
PAT	14.3	18.2	22.6
EPS (INR)	16.1	20.5	25.5
Gr. (%)	27.6	27.1	24.3
BV/Sh (INR)	57.5	66.7	76.9
RoE (%)	28.1	33.0	35.5
RoCE (%)	28.7	33.7	36.3
P/E (x)	68.7	54.0	43.5
P/BV (x)	19.3	16.6	14.4

### Shareholding pattern (%)

As On	Dec-18	Sep-18	Dec-17
Promoter	52.9	52.9	52.9
DII	8.4	7.8	5.9
FII	18.5	19.5	21.3
Others	20.3	19.8	20.0

FII Includes depository receipts

### Stock Performance (1-year)



# Jewelry sparkles for another year with 20%+ growth

Management's confidence on further overall 20% sales growth heartening

### TTAN has released its pre-quarterly update for 4QFY19 (and also FY19). **Key highlights:**

- The company achieved overall sales growth of ~21% in FY19. Jewelry sales grew by ~22% after increasing by 25% in FY18, thereby exceeding the originally envisaged 20% five-year sales CAGR target for the second consecutive year.
- Moreover, management's confidence on further 20% overall sales growth in FY20 despite a muted economic outlook - is heartening.
- Watches division reportedly continued its healthy growth momentum for the past few quarters, ending the year with ~16% growth (implying 14% growth in 4QFY19).
- Eyewear achieved revenue growth of ~23% for the full year (implying 18% growth in 4QFY19).
- There is no material change to our EPS estimates. We maintain our Buy rating with a target price of INR1,300, valued at 51x Mar'21 EPS, ~15% premium to three-year average multiple because of its strong earnings growth prospects (~26% EPS CAGR over FY19-21E).

### Jewellery: 20%+ sales growth for second consecutive year

- TTAN achieved Jewellery sales growth of ~22% in FY19, despite slow growth in the industry, which means that segmental sales grew ~16% in 4QFY19.
- A record number of stores were opened during the year, with net additions of 35 stores (opened 40 Tanishq stores and closed five stores; net retail space addition of 90k sq. ft.). These were primarily opened in the middle India towns.
- The year saw some hit collections like Diamond Treats, Gulnaaz, Utsava and Preen.
- Recently, TTAN increased its stake in its subsidiary Caratlane to 69.47% from 66.39% via an investment of INR1b. Caratlane saw growth of ~42% in FY19 and it continues to aggressively open retail stores in line with its omni-channel strategy.

### Watches: Performance driven by e-com and new product launches

- Watches division reportedly continued its healthy growth momentum throughout the year, with ~14% growth in 4QFY19 (~16% growth in FY19, according to the press release), led by its continued focus on new designs across brands. E-commerce saw highest growth across channels for the division.
- Smart products (introduced two years back), including wearables, grew at a strong 80%+, achieving sales of more than INR1b in FY19. Accessories, too, crossed a turnover of INR1b during the fiscal.
- The division added 30 World of Titan (closed 24), 22 Fastrack (closed 14) and 12 Helios stores (closed 4) in FY19.

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### **Eyewear: New strategy of lower ASP working well**

- The division achieved revenue growth of ~23% for the full year, which means ~18% growth for the March quarter. It also progressed well on its vision to cater to 10m customers a year by FY23 (served 3.5m customers in FY19, up from 2.5m in the previous fiscal).
- TTAN's new strategy (targeted from the beginning of the year) of offering a range of products at a more affordable price point continued to work well for the company.
- The division added 74 new stores (and closed 30), adding 28k sq.ft. of retail space in FY19 at net level.

### New businesses

- Skinn: In FY19, the brand sold more than 1m units and crossed sales of INR1b (at consumer price level). It continues adding new point of sales (POS) at a rapid pace (now reaches more than 3,000 POS).
- *Taneira*: After two years of experimenting, gauging customer demand and retail economic for the brand, the business is now geared up for calibrated expansion in FY20.

### Valuation and view

- According to the pre-quarterly update, Jewelry sales grew by ~22% after increasing by 25% in FY18, thereby exceeding the originally envisaged 20% five-year sales CAGR target for the second consecutive year. Interestingly, management's confidence on further 20% overall sales growth in FY20 (stated in the 4QFY19 pre-quarterly release) despite a muted economic outlook is heartening. It indicates that not only are all segments firing well but also that Jewelry sales are targeted to grow even faster than overall sales growth. If achieved, it will be the third year of better-than-expected Jewelry sales.
- Despite opening a record 40 Tanishq stores (35 net), the emphasis on aggressive store expansion underlines management's increasing confidence, even as the base and economic environment remain challenging.
- Jewelry growth prospects continue to be robust, and now Watches and even Eyewear have started contributing to growth. High valuations are fully deserved for a business that has perhaps the best top-line growth visibility in the largecap FMCG/retail space. In addition, operating leverage arising from (a) the high contribution of SSSG to Jewelry sales growth and (b) the recovery in Watches margins are likely to lead to healthy EBITDA margin expansion, bettering the prospects of a best-of-breed and sustained earnings growth performance.
- There is no material change to our EPS forecasts.
- We maintain our Buy rating with a target price of INR1,300 (51x Mar'21E EPS, ~15% premium to three-year average P/E).

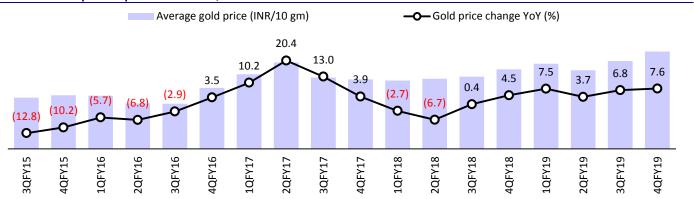
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Exhibit 1: Jewellery sales to grow at ~16% YoY for 4QFY19

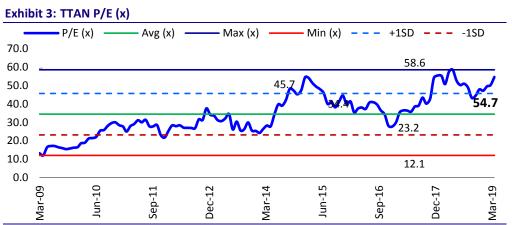
**─** Jewelry sales growth (%) 60.1 59.3 29.0 37.0 40.7 16.0 10.4 13.6 3.7 0.0 0.0 0.0 0.0 1.2 (15.3) 1QFY16 2QFY16 3QFY16 4QFY16 1QFY19 2QFY19 3QFY19 1QFY18 2QFY18 3QFY18 4QFY19E 4QFY15 1QFY17 2QFY17 3QFY17 1QFY17

Source: Company, MOFSL

Exhibit 2: Gold prices up 7.6% YoY in 4QFY19



Source: Company, MOFSL



Source: Company, MOFSL

### **Financials and Valuations**

Income Statement							(INR m)
Y/E March	2015	2016	2017	2018	2019E	2020E	2021E
Net Sales	119,095	112,759	132,608	161,198	196,329	234,743	282,138
Change (%)	9.1	-5.3	17.6	21.6	21.8	19.6	20.2
Gross Profit	31,562	30,949	37,534	44,336	53,571	65,873	80,258
Margin (%)	26.5	27.4	28.3	27.5	27.3	28.1	28.4
Other expenditure	19,962	21,601	25,979	27,889	32,762	39,804	47,534
EBITDA	11,599	9,347	11,555	16,447	20,808	26,069	32,724
Change (%)	10.6	-19.4	23.6	42.3	26.5	25.3	25.5
Margin (%)	9.7	8.3	8.7	10.2	10.6	11.1	11.6
Depreciation	874	982	1,105	1,314	1,647	1,886	2,123
Int. and Fin. Charges	807	424	377	529	553	575	682
Other Income - Recurring	643	739	705	889	1,547	1,314	1,483
Profit before Taxes	10,562	8,681	10,777	15,492	20,156	24,922	31,402
Change (%)	4.0	-17.8	24.1	43.7	30.1	23.6	26.0
Tax	2,410	1,710	3,021	4,500	5,845	6,729	8,793
Deferred Tax	82	-206	261	221	0	0	0
Tax Rate (%)	22.0	22.1	25.6	27.6	29.0	27.0	28.0
Profit after Taxes	8,233	6,765	8,018	11,213	14,311	18,193	22,609
Change (%)	11.1	-17.8	18.5	39.9	27.6	27.1	24.3
Margin (%)	6.9	6.0	6.0	7.0	7.3	7.8	8.0
Extraordinary income	0	0	-1,027	-167	0	0	0
Reported PAT	8,233	6,765	6,991	11,047	14,311	18,193	22,609
Balance Sheet	2015	2016	2017	2018	2019E	2020E	(INR m) 2021E
Y/E March		2016					
Share Capital	888	888	888	888	888	888	888
Reserves	32,637	34,178	41,700	49,993	50,147	58,334	67,378
Net Worth	33,525	35,066	42,587	50,881	51,035	59,222	68,266
Loans	998	1,131	0	790	500	250	250
Deferred Tax	64	131	-33	-329	-329	-329	-329
Capital Employed	34,587	36,327	42,555	51,342	51,206	59,143	68,187
Gross Block	11,824	13,559	9,858	13,384	15,509	17,584	19,659
Less: Accum. Depn.	5,103	6,054	1,220	2,137	3,784	5,670	7,793
Net Fixed Assets	6,720	7,506	8,638	11,247	11,725	11,914	11,866
Intangibles	102	200	3,337	3,495	3,495	3,495	3,495
Capital WIP	552	1,067	1,432	430	430	430	430
Investments	290	26	3,937	16	16	16	16
Curr. Assets, L&A	50,932	54,624	66,698	79,694	93,991	107,393	128,471
Inventory	40,493	44,472	49,257	59,248	67,759	78,339	92,758
Account Receivables	1,897	1,925	2,076	2,957	3,120	4,180	5,024
Cash and Bank Balance	2,138	1,442	8,159	6,523	10,503	10,372	14,012
Others	6,403	6,785	7,205	10,965	12,610	14,502	16,677
Curr. Liab. and Prov.	24,010	27,095	41,488	43,540	58,451	64,104	76,090
Current Liabilities	22,943	25,794	40,056	41,909	57,041	62,693	74,679
Provisions	1,067	1,302	1,433	1,631	1,411	1,411	1,411
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Net Current Assets	26,922	27,529	25,210	36,154	35,540	43,289	52,381

E: MOSL Estimates

### **Financials and Valuations**

Basic (NIN)	2020E 2021E	2020E	2019E	2018	2017	2016	2015	Y/E March
Cash EPS         10.3         8.7         10.2         14.0         18.0         22.6           BV/Share         37.8         39.5         48.0         57.3         57.5         66.7           DPS         2.8         5.4         3.6         4.6         8.1         11.3           Payout%         29.8         70.3         39.7         36.3         50.0         55.0           Valuation (x)         V           P/E         119.4         145.3         122.6         87.6         68.7         54.0           Cash P/E         107.9         127.4         108.2         79.0         61.6         48.9           EV/Sales         8.2         8.7         7.3         61         59.4         46.7         37.3           FEV/EBITDA         48.6         105.1         84.0         59.4         46.7         33.3           P/BV         29.3         28.0         23.1         19.3         19.3         16.6           Dividen Yield (%)         0.3         0.5         0.3         0.4         0.7         10.0           Return Ratios (%)         Return Ratios (%)         Return Ratios (%)         Return Ratios (%)								Basic (INR)
BV/Share   37.8   39.5   48.0   57.3   57.5   66.7     DPS	20.5 25.5	20.5	16.1	12.6	9.0	7.6	9.3	EPS
DPS   2.8   5.4   3.6   4.6   8.1   11.3   Payout %   29.8   70.3   39.7   36.3   50.0   55.0	22.6 27.9	22.6	18.0	14.0	10.2	8.7	10.3	Cash EPS
Payout	66.7 76.9	66.7	57.5	57.3	48.0	39.5	37.8	BV/Share
Valuation (x)   P/E	11.3 15.3	11.3	8.1	4.6	3.6	5.4	2.8	DPS
P/E         119.4         145.3         122.6         87.6         68.7         54.0           Cash P/E         107.9         127.4         108.2         79.0         61.6         48.9           EV/Sales         8.2         8.7         7.3         6.1         5.0         4.1           EV/EBITOA         84.6         105.1         84.0         59.4         46.7         37.3           P/BV         29.3         28.0         23.1         19.3         19.3         16.6           Dividend Yield (%)         0.3         0.5         0.3         0.4         0.7         1.0           Return Ratios (%)           ROE         28.0         19.7         20.6         24.0         28.1         33.0           ROCE         26.1         20.0         21.0         24.7         28.7         33.7           ROCE         26.1         20.0         21.0         24.7         28.7         33.0           ROCE         26.1         20.0         21.0         24.7         28.7         33.7           Asset Turnover (x)         3.4         3.1         3.1         3.1         3.8         4.0           Leverage Ratio	55.0 60.0	55.0	50.0	36.3	39.7	70.3	29.8	Payout %
Cash P/E         107.9         127.4         108.2         79.0         61.6         48.9           EV/Sales         8.2         8.7         7.3         6.1         5.0         4.1           EV/SBITDA         84.6         105.1         84.0         594.4         46.7         37.3           P/BV         29.3         28.0         23.1         19.3         19.3         16.6           Dividend Yield (%)         0.3         0.5         0.3         0.4         0.7         1.0           Return Ratios (%)           Return Ratios (%)           Roc         28.0         19.7         20.6         24.0         28.1         33.0           RoCE         26.1         20.0         21.0         24.7         28.7         33.7           RoC         30.2         19.9         24.8         29.8         32.2         39.9           Working Capital Ratios           Debtor (Day)         6         6         6         7         6         7           Asset Turnover (x)         3.4         3.1         3.1         3.1         3.8         4.0           Leverage Ratio								
EV/Sales         8.2         8.7         7.3         6.1         5.0         4.1           EV/EBITDA         84.6         105.1         84.0         59.4         46.7         37.3           P/BW         29.3         28.0         23.1         19.3         19.3         16.6           Dividend Yield (%)         0.3         0.5         0.3         0.4         0.7         1.0           Return Ratios (%)           RoC         28.0         19.7         20.6         24.0         28.1         33.0           RoCE         26.1         20.0         21.0         24.7         28.7         33.7           RoC         26.1         20.1         20.1         24.7         28.7         33.2         39.9           Working Capital Ratios           Ration Capital Ratios           Debtor Capital Ratios	54.0 43.5	54.0	68.7	87.6		145.3	119.4	P/E
EV/EBITDA         84.6         105.1         84.0         59.4         46.7         37.3           P/BV         29.3         28.0         23.1         19.3         19.3         16.6           Dividend Yield (%)         0.3         0.5         0.3         0.4         0.7         1.0           Return Ratios (%)         Return Ratios (%)           RoC         28.0         19.7         20.6         24.0         28.1         33.0           RoCE         26.1         20.0         21.0         24.7         28.7         33.7           RoC         30.2         19.9         24.8         29.8         32.2         39.9           Working Capital Ratios         Working Capital Ratios           Debtor (Days)         6         6         6         7         6         7           Asset Turnover (x)         3.4         3.1         3.1         3.1         3.8         4.0           Leverage Ratio         Debtor (Days)         6         6         6         7         6         7           Debt/ Equity (x)         0.0         0.0         0.0         0.0         0.0         0.0           Capity Equity (x)	48.9 39.7	48.9	61.6	79.0	108.2	127.4	107.9	Cash P/E
P/BV         29.3         28.0         23.1         19.3         19.3         16.6           Dividend Yield (%)         0.3         0.5         0.3         0.4         0.7         1.0           Return Ratios (%)         Roce         28.0         19.7         20.6         24.0         28.1         33.0           RoCE         26.1         20.0         21.0         24.7         28.7         33.7           RoLC         30.2         19.9         24.8         29.8         32.2         39.9           Working Capital Ratios         Use of Clays         6         6         6         6         7         6         7         7         7         7         8.0         7         7         7         7         7         8.0         7         6         7         6         7         7         7         7         8.0         8.0         9.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	4.1 3.4	4.1	5.0	6.1	7.3	8.7	8.2	EV/Sales
Dividend Yield (%)   Dividen	37.3 29.6	37.3	46.7	59.4	84.0	105.1	84.6	
Return Ratios (%)  RoE 28.0 19.7 20.6 24.0 28.1 33.0  RoCE 26.1 20.0 21.0 24.7 28.7 33.7  RoIC 30.2 19.9 24.8 29.8 32.2 39.9  Working Capital Ratios  Debtor (Days) 6 6 6 6 7 6 7  Asset Turnover (x) 3.4 3.1 3.1 3.1 3.1 3.8 4.0  Leverage Ratio  Debt/Equity (x) 0.0 0.0 0.0 0.0 0.0 0.0 0.0  Cash Flow Statement  Y/E March 2015 2016 2017 2018 2019 24.92  Int./Div. Received 77 -95 31 -81 -1,547 -1,314  Depreciation & Amort. 896 982 1,105 1,314 1,647 1,886  Interest Paid 165 -152 -136 -113 553 575  Direct Taxes Paid 2,449 2,025 2,768 4,561 5,845 6,729  Incr in WC 4,152 1,631 -9,158 12,365 4,594 7,880  CF from Operations -2,070 2,522 2,511 2,993 2,125 2,075  Free Cash Flow 2,956 3,239 14,613 -3,500 17,432 9,385  Investments -2 -55 3,254 4,115 0 0  Others -301 -1,058 2,986 -273 8,596 886  CF from Invest1,767 -1,409 -8,750 1,395 -10,721 -2,961  Incr in Debt 0 0 0 0 0 -290 -250  Dividend Paid 1,852 3,944 36 2,774 4,014 7,806  Others 8,194 1,104 1,621 -249 553 575  CF from Fin. Activity -10,047 -5,048 -1,656 -2,524 4,857 -8,630  Incr/Decr of Cash -6,787 -696 6,717 -1,637 3,979 -131	16.6 14.4	16.6	19.3	19.3	23.1	28.0	29.3	· · · · · · · · · · · · · · · · · · ·
RoE         28.0         19.7         20.6         24.0         28.1         33.0           RoCE         26.1         20.0         21.0         24.7         28.7         33.7           RoIC         30.2         19.9         24.8         29.8         32.2         39.9           Working Capital Ratios           Debtor (Days)         6         6         6         7         6         7           Asset Turnover (x)         3.4         3.1         3.1         3.1         3.8         4.0           Leverage Ratio           Debt/Equity (x)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td>1.0 1.4</td> <td>1.0</td> <td>0.7</td> <td>0.4</td> <td>0.3</td> <td>0.5</td> <td>0.3</td> <td>Dividend Yield (%)</td>	1.0 1.4	1.0	0.7	0.4	0.3	0.5	0.3	Dividend Yield (%)
Roce   26.1   20.0   21.0   24.7   28.7   33.7   RolC   30.2   19.9   24.8   29.8   32.2   39.9   Morking Capital Ratios								Return Ratios (%)
RolC   30.2   19.9   24.8   29.8   32.2   39.9     Working Capital Ratios	33.0 35.5	33.0	28.1	24.0	20.6	19.7	28.0	RoE
No	33.7 36.3	33.7	28.7	24.7	21.0	20.0	26.1	RoCE
Debtor (Days)         6         6         6         7         6         7           Asset Turnover (x)         3.4         3.1         3.1         3.1         3.8         4.0           Leverage Ratio         Userage Ratio           Debt/Equity (x)         0.0         0.0         0.0         0.0         0.0         0.0           Cash Flow Statement           Y/E March         2015         2016         2017         2018         2019E         2020E           De//(loss) before Tax         10,489         8,681         9,733         15,298         20,156         24,922           Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in FA         2,070         2,522         2,511         2,936         -4,594         7,880           CF from Oper	39.9 43.2	39.9	32.2	29.8	24.8	19.9	30.2	
Asset Turnover (x)   3.4   3.1   3.1   3.1   3.8   4.0								Working Capital Ratios
Leverage Ratio           Debt/Equity (x)         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0	7 7	7	6	7	6	6	6	Debtor (Days)
Cash Flow Statement         2015         2016         2017         2018         2019E         2020E           OP/(loss) before Tax         10,489         8,681         9,733         15,298         20,156         24,922           Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0	4.0 4.1	4.0	3.8	3.1	3.1	3.1	3.4	Asset Turnover (x)
Cash Flow Statement           Y/E March         2015         2016         2017         2018         2019E         2020E           OP/(loss) before Tax         10,489         8,681         9,733         15,298         20,156         24,922           Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Leverage Ratio</td></t<>								Leverage Ratio
Y/E March         2015         2016         2017         2018         2019E         2020E           OP/(loss) before Tax         10,489         8,681         9,733         15,298         20,156         24,922           Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	Debt/Equity (x)
OP/(loss) before Tax         10,489         8,681         9,733         15,298         20,156         24,922           Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0           Others         -301         -1,058         2,986         -273         8,596         886<	(INR m)							Cash Flow Statement
Int./Div. Received         77         -95         31         -81         -1,547         -1,314           Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721	2020E 2021E	2020E	2019E	2018	2017	2016	2015	Y/E March
Depreciation & Amort.         896         982         1,105         1,314         1,647         1,886           Interest Paid         165         -152         -136         -113         553         575           Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -2,724         4,0	24,922 31,402	24,922	20,156	15,298	9,733	8,681	10,489	OP/(loss) before Tax
Interest Paid   165	-1,314 -1,483	-1,314	-1,547	-81	31	-95	77	Int./Div. Received
Direct Taxes Paid         2,449         2,025         2,768         4,561         5,845         6,729           Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575     <	1,886 2,123	1,886	1,647	1,314	1,105	982	896	Depreciation & Amort.
Incr in WC         4,152         1,631         -9,158         12,365         -4,594         7,880           CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630	575 682	575	553	-113	-136	-152	165	Interest Paid
CF from Operations         5,026         5,761         17,123         -507         19,557         11,460           Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979	6,729 8,793	6,729	5,845	4,561	2,768	2,025	2,449	Direct Taxes Paid
Incr in FA         2,070         2,522         2,511         2,993         2,125         2,075           Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	7,880 5,452	7,880	-4,594	12,365	-9,158	1,631	4,152	Incr in WC
Free Cash Flow         2,956         3,239         14,613         -3,500         17,432         9,385           Investments         -2         -55         3,254         -4,115         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	11,460 18,480	11,460	19,557	-507	17,123	5,761	5,026	CF from Operations
Investments         -2         -55         3,254         -4,115         0         0           Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	2,075 2,075	2,075	2,125	2,993	2,511	2,522	2,070	Incr in FA
Others         -301         -1,058         2,986         -273         8,596         886           CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	9,385 16,405	9,385	17,432	-3,500	14,613	3,239	2,956	Free Cash Flow
CF from Invest.         -1,767         -1,409         -8,750         1,395         -10,721         -2,961           Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	0 0	0	0	-4,115	3,254	-55	-2	Investments
Incr in Debt         0         0         0         0         -290         -250           Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	886 1,166	886	8,596	-273	2,986	-1,058	-301	Others
Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	-2,961 -3,241	-2,961	-10,721	1,395	-8,750	-1,409	-1,767	CF from Invest.
Dividend Paid         1,852         3,944         36         2,774         4,014         7,806           Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	-250 0	-250	-290	0	0	0	0	Incr in Debt
Others         8,194         1,104         1,621         -249         553         575           CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131	7,806 10,916	7,806	4,014	2,774	36	3,944	1,852	Dividend Paid
CF from Fin. Activity         -10,047         -5,048         -1,656         -2,524         -4,857         -8,630           Incr/Decr of Cash         -6,787         -696         6,717         -1,637         3,979         -131					1,621			Others
	-131 3,640	-131	3,979	-1,637	6,717	-696	-6,787	Incr/Decr of Cash
Add: Opening Balance 8,926 2.138 1.442 8.159 6.523 10.502		10,502	6,523	8,159	1,442	2,138	8,926	Add: Opening Balance
Closing Balance 2,138 1,442 8,159 6,523 10,502 10,372								

E: MOSL 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		

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