

Estimate change



TP change



Rating change


CMP: INR459
TP: INR450 (-2%)
Neutral
Robust all-round performance; 4Q guidance in-line
Remains on the sideline on fair valuations

Bloomberg	WPRO IN
Equity Shares (m)	5,693
M.Cap.(INRb)/(USDb)	2621.9 / 35.8
52-Week Range (INR)	467 / 160
1, 6, 12 Rel. Per (%)	22/67/62
12M Avg Val (INR M)	3515

Financials & Valuations (INR b)

Y/E Mar	2021E	2022E	2023E
Sales	620	701	778
EBIT Margin (%)	19.7	20.6	20.5
PAT	107	124	137
EPS (INR)	18.5	21.6	23.9
EPS Gr. (%)	12.5	17.1	10.6
BV/Sh. (INR)	94.2	93.6	93.1

Ratios

RoE (%)	19.5	23.2	25.8
RoCE (%)	16.0	19.2	21.2
Payout (%)	100.0	85.0	85.0

Valuations

P/E (x)	24.9	21.2	19.2
P/BV (x)	4.9	4.9	4.9
EV/EBITDA (x)	15.8	13.4	12.0
Div Yield (%)	4.0	4.0	4.4

Shareholding pattern (%)

As On	Sep-20	Jun-20	Sep-19
Promoter	74.0	74.0	74.0
DII	6.5	7.6	7.0
FII	8.8	8.2	8.8
Others	10.7	10.1	10.2

FII Includes depository receipts

- Wipro (WPRO) reported better-than-expected revenue growth of 3.4% QoQ CC, on the higher end of the guidance band (1.5–3% QoQ CC). Growth was broad-based across verticals, with five of seven verticals showing good QoQ growth. WPRO's continued margin improvement (+250bp QoQ / +330bp YoY) and strong cash generation (FCF/PAT at 133%) were the key positives in 3Q. In 9MFY21, IT Services reported revenue (USD)/EBIT/PAT of - 3.2%/10.2%/6.9%.
- Wipro reported 12 deal closures and deal TCV of USD1.2b in 3Q, including USD700m from Metro AG. It further guided for USD CC revenue growth of +1.5–3.5% QoQ in 4QFY21, with the mid-point in line with our expectation.
- We expect Wipro to deliver double-digit USD revenue growth in FY22 (+12.6% YoY), the first instance since FY11. We further expect the company to deliver 90bp EBIT margin expansion next year, supported by the beat in 3Q.
- Wipro reiterated its refreshed strategy – a) focus on growth, b) continued investment in talent, and c) a simplified operational model to help improve the focus on customers – which we view as a step in the right direction.
- However, we continue to see Wipro's growth trailing v/s that of peers as we await the impact of its new strategy on growth and see limited levers on margins from current levels.
- We upgrade our FY21/FY22/FY23E EPS by 10%/15%/16%, largely led by a revised revenue outlook (based on the guidance). **Maintain Neutral**, as we see the current valuation fairly valuing-in the performance. Our TP implies 19x FY23E EPS.

All-round beat

- IT Services revenue rose USD2,071m (up 3.4% QoQ CC), on the higher end of the company guidance of 1.5–3.5%.
- The EBIT margin for IT Services increased 250bp QoQ to 21.6%, 300bp above our estimate of 18.5%.
- PAT grew 21% YoY to INR30b (23 % beat), primarily led by higher operational income.
- Growth was broad-based across verticals. Manufacturing posted growth of 4.0% QoQ CC, Healthcare 5% QoQ CC, and Consumer 5.1% QoQ CC. On the other hand, growth in BFSI was restricted to 1.2% QoQ CC.
- Growth was observed in EMEA (led by mega deal wins with Metro AG) at 8.6% QoQ CC; the Americas grew 2.3% QoQ CC.
- Gross utilization increased 40bp QoQ, while attrition remained flat sequentially.
- WPRO closed 12 deals with >USD30m TCV; moreover, TCV booked on these deals was over USD1.2b.
- OCF/FCF stood at 149.4% and FCF/PAT at 133%.

Mukul Garg – Research analyst (Mukul.Garg@MotilalOswal.com)

Research analyst: Anmol Garg (Anmol.Garg@MotilalOswal.com) / **Heenal Gada** (Heenal.Gada@MotilalOswal.com)

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- For 4QFY21, WPRO guided for CC revenue growth of 1.5–3.5% sequentially.

Key highlights from management commentary

- Overall bookings grew in the double digits, and the company closed 12 deals with more than USD30m TCV. Total TCV stood above USD1.2b.
- In terms of geography, growth in Europe was driven by strong demand. Cloud, digital transformation, and cost take-out deals have further supported growth.
- While the management foresees a ramp-up in demand in the Oil & Gas sector, Healthcare was driven by seasonality.
- Within the US, the management expects much activity in the BFSI space around cloud.
- The Metro AG deal is for five years, with TCV of USD700m. This may extend for another four years, with TCV being ~USD1b. This deal drove up the net new contribution in 3Q.
- This deal involves WPRO helping Metro simplify its IT infrastructure landscape.
- Margin momentum was seen on the back of three levers: 1) revenue momentum, 2) significant offshoring, and 3) utilization management within a tight range.
- The management expects some normalization in margins as the company plans to invest in its sales team.
- The management aims to continue on the growth path and increase focus on expansion through investing in markets that are key to WPRO's success.
- The company has reduced its P&L accounts from 26 to 4 as a part of its refreshed strategy. This is expected to help streamline the organizational structure.

Valuation and view – aptly priced

- In the past few years, Wipro has underperformed Tier-I companies on growth, partly due to its higher exposure to challenged verticals (such as Healthcare and ENU). Additionally, changes at the company level (restructuring in India / the Middle East) have further constrained growth. However, we expect that the refreshed strategy of the new management to make the organization leaner and adopt a growth-focused approach would turn fruitful over the medium-to-long term.
- However, the current restructuring and investments would take a toll on margins in the near term, eating away at gains from operational efficiency. This should keep margins range-bound.
- We upgrade our FY21/FY22/23E EPS by 10%/15%/16%, largely led by a revised revenue outlook based on the guidance. Maintain Neutral – as we await a) further evidence of execution of Wipro's refreshed strategy and b) successful turnaround from its growth struggles over the last decade before turning more constructive on the stock. Our TP implies 19x FY23E EPS.

Quarterly Performance (IFRS)

(INR b)

Y/E March	FY20				FY21E				FY20	FY21E	Est. 3QFY21	Var. (% / bp)
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE				
IT Services Revenue (USD m)	2,039	2,048	2,095	2,074	1,922	1,992	2,071	2,145	8,255	8,130	2,057	0.7
QoQ (%)	-1.8	0.5	2.3	-1.0	-7.3	3.7	3.9	3.6	1.7	-1.5	3.3	69bp
Overall Revenue (INR b)	147	151	155	157	149	151	157	163	610	620	154	1.9
QoQ (%)	-1.9	2.8	2.3	1.6	-5.1	1.4	3.7	3.8			1.8	189bp
YoY (%)	5.3	4.0	2.7	4.7	1.3	-0.1	1.3	3.5	4.2	1.5	-0.6	184bp
GPM (%)	29.1	28.6	29.1	27.4	30.5	30.3	33.4	31.3	28.5	31.4	29.6	383bp
SGA (%)	13.0	11.3	12.0	11.4	13.3	11.8	12.2	11.4	11.9	12.1	11.8	41bp
EBITDA	29	32	33	32	33	35	42	40	125	149	34	21.4
EBITDA Margin (%)	19.6	20.9	21.0	20.5	22.1	23.0	26.6	24.6	20.5	24.1	22.3	430bp
IT Serv. EBIT (%)	18.4	18.1	18.4	17.6	19.1	19.2	21.7	20.4	18.1	20.1	18.5	316bp
EBIT Margin (%)	16.2	17.7	17.6	16.8	18.0	18.6	21.6	20.3	17.2	19.7	18.0	354bp
Other income	6	5	4	3	4	4	5	4	17	17	4	26.7
ETR (%)	22.4	18.3	20.0	20.9	22.1	22.5	22.1	22.5	20.2	22.3	22.5	-35bp
PAT	23	26	25	23	24	25	30	28	97	107	24	22.7
QoQ (%)	-7.0	10.5	-3.8	-5.3	2.8	3.2	20.3	-4.0			-1.9	2223bp
YoY (%)	8.9	35.1	-2.2	-6.3	3.5	-3.4	20.8	22.4	8.0	9.8	-1.5	2232bp
EPS (INR)	3.8	4.3	4.3	4.1	4.2	4.3	5.2	5.0	16.4	18.5	4.2	21.9

Key Performance Indicators

Y/E March	FY20				FY21				FY20	FY21
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
Revenue (QoQ CC %)	-0.7	1.1	1.8	0.4	-7.5	2.0	3.4		3.9	
Margins										
Gross Margin	29.1	28.6	29.1	27.4	30.5	30.3	33.4	31.3	28.5	31.4
EBIT Margin	16.2	17.7	17.6	16.8	18.0	18.6	21.6	20.3	17.2	19.7
Net Margin	15.7	16.9	15.9	14.8	16.0	16.3	18.9	17.5	15.9	17.2
Operating metrics										
Headcount (k)	175	181	187	183	182	185	190		183	
Attrition (%)	17.6	17.0	15.7	14.7	13.0	11.0	11.0		14.7	
Utilization	85.0	82.1	79.6	82.6	84.5	86.9	86.3		82.3	
Key Verticals (YoY CC %)										
BFSI	11.2	5.9	1	-1.3	-6.9	-3.3	-2.5		4	
Retail	7.7	6.1	12.1	6.4	-2.5	-2.1	-3.6		8.1	
Key Geographies (YoY CC%)										
North America	11.2	9.4	7.2	3.1	-4.4	-4.0	-3.2		7.6	
Europe	0.0	-2.7	-4.3	1.9	-7.7	-5.7	1.4		-1.3	

Management commentary highlights

Demand drivers

- WPRO reported 3.4% QoQ growth in CC terms, toward the upper end of the guidance band.
- Overall bookings grew in the double digits, and the company closed 12 deals with more than USD30m TCV. Total TCV was above USD1.2b.
- In terms of geography, growth in Europe was driven by strong demand. Cloud, digital transformation, and cost take-out deals have further supported growth.
- While the management foresees a ramp-up in demand in the Oil & Gas sector, Healthcare was driven by seasonality.
- Within the US, the management expects much activity in the BFSI space around cloud.

Metro AG deal

- The Metro AG deal is for five years, with TCV of USD700m. This may extend for another four years, with TCV being ~USD1b. This deal drove up the net new contribution in 3Q.
- This deal involves WPRO helping Metro simplify its IT infrastructure landscape.
- Wipro's transformation program would comprise cloud, data services, and robust digital infrastructure.

Margin drivers

- Margin momentum was seen on the back of three levers: 1) revenue momentum, 2) significant offshoring, and 3) utilization management within a tight range.
- The management expects some normalization in margins as the company plans to invest in its sales team.
- However, some of the benefits of operational efficiency are expected to continue.
- 80% of the workforce is expected to get the wage hike (5–6% in India and 1–2% in international markets).
- The company would continue to hire fresh talent as attrition would be a rising trend in the coming quarter.

Outlook

- The management guided for 1.5–3.5% QoQ CC growth for the next quarter. The company is moving in a direction where its only focus is growth.
- Margins are sustainable in the medium term.

Strategy

- The management aims to continue on the growth path and increase focus on expansion through investing in markets that are key to WPRO's success.
- The company has reduced its P&L accounts from 26 to 4 as a part of its refreshed strategy. This is expected to help streamline the organizational structure.
- These changes are being implemented to make the company more client-centric and are not a cost exercise.
- Cloud is right at the center of WPRO's growth strategy, and the company is investing in building strong relationships with cloud service providers.

Other highlights

- Net of debt, cash stood at INR5.4b on the balance sheet in 3Q.
- The management announced dividend of INR1 for the quarter. Furthermore, buyback is expected to be completed by the end of the current month.

Exhibit 1: Barring Communications & BFSI, other verticals report strong growth

Verticals	Contri. To Rev. (%)	CC Growth (QoQ %)
BFSI	30.5	1.2
Communications	5.2	0.7
Consumer Business Unit	16.4	5.2
Energy, Natural Resources & Utilities	13.1	4.1
Health Business Unit	13.9	5.0
Manufacturing	8.3	4.0
Technology	12.6	4.5

Source: Company, MOFSL

Exhibit 2: Europe reported strong growth on the back of the Metro AG deal

Geographies	Contri. To Rev. (%)	CC Growth (QoQ %)
Americas	57.6	2.3
Europe	25.2	8.6
ROW	17.2	-0.3

Source: Company, MOFSL

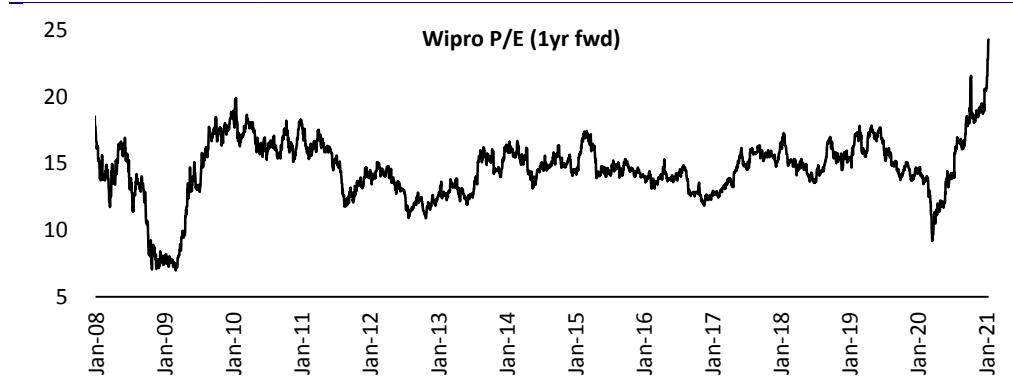
Exhibit 3: Digital operations report strong growth

Practices	Contri. To Rev. (%)	CC Growth (QoQ %)
BPO/ Digital operations	15.9	6.6
IMS	25.6	3.6
Wipro Analytics	6.9	1.2
Application Services	44.4	2.8
Product Eng. And Mobility	7.2	1.1

Source: Company, MOFSL

Valuation and view – aptly priced

- In the past few years, Wipro has underperformed Tier-I companies on growth, partly due to its higher exposure to challenged verticals (such as Healthcare and ENU). Additionally, changes at the company level (restructuring in India / the Middle East) have further constrained growth. However, we expect that the refreshed strategy of the new management to make the organization leaner and adopt a growth-focused approach would turn fruitful over the medium-to-long term.
- However, the current restructuring and investments would take a toll on margins in the near term, eating away at gains from operational efficiency. This should keep margins range-bound.
- We upgrade our FY21/FY22/23E EPS by 10%/15%/16%, largely led by a revised revenue outlook based on the guidance. Maintain Neutral – as we await a) further evidence of execution of Wipro's refreshed strategy and b) successful turnaround from its growth struggles over the last decade before turning more constructive on the stock. Our TP implies 19x FY23E EPS.

Exhibit 4: Over the long term, 1-year forward P/E multiples averaged ~15x

Source: Company, MOFSL

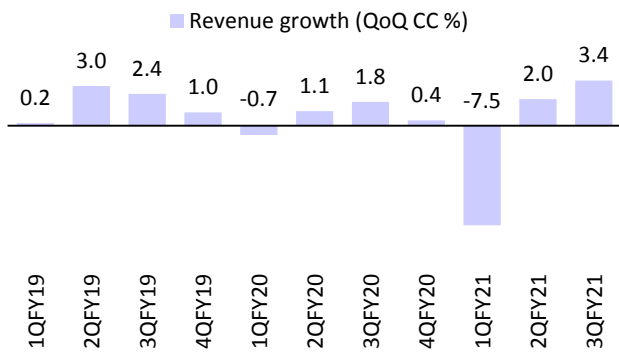
Exhibit 5: Revisions to our estimates

	Revised			Earlier			Change		
	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E
INR/USD	74.7	75.0	75.0	74.6	75.0	75.0	0.1%	0.0%	0.0%
IT Services USD Revenue - m	8,130	9,264	10,307	8,090	9,032	9,840	0.5%	2.6%	4.8%
Overall Growth (%)	(1.9)	12.6	11.1	(2.5)	10.8	8.7	60bps	180bps	240bps
EBIT margin - Overall (%)	19.7	20.6	20.5	17.8	17.9	18.1	180bps	270bps	240bps
EBIT margin - IT Services (%)	20.1	20.6	20.6	18.9	18.6	18.0	120bps	210bps	260bps
PAT (INR B)	106.7	123.9	137.2	96.7	107.3	117.8	10.3%	15.5%	16.5%
EPS	18.45	21.61	23.91	16.8	18.8	20.6	10.2%	14.9%	15.8%

Source: Company, MOFSL

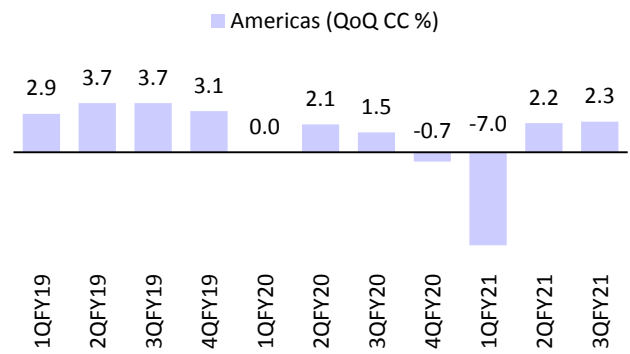
Story in charts

Exhibit 6: Company reported growth on the back of...



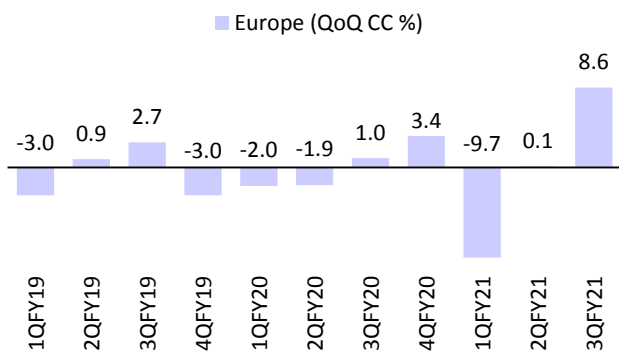
Source: Company, MOFSL

Exhibit 7: ...moderate growth in Americas and...



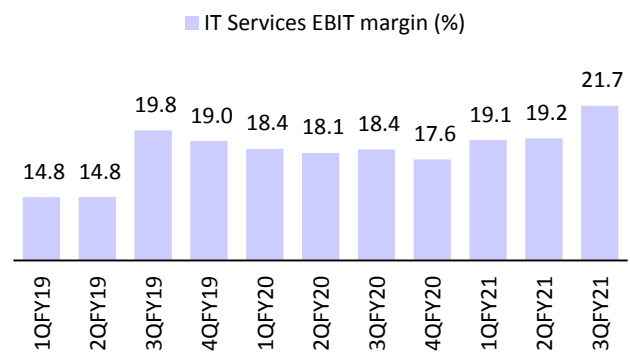
Source: Company, MOFSL

Exhibit 8: ...robust growth in Europe (Metro AG mega deal)



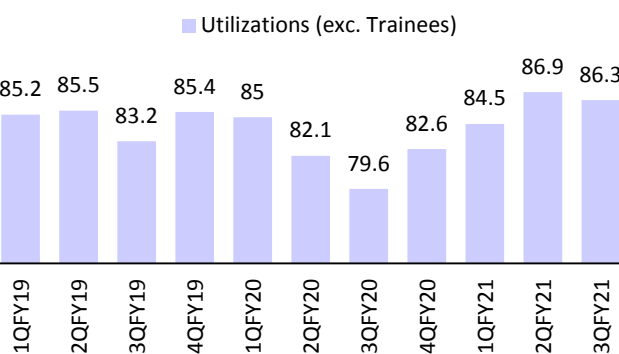
Source: Company, MOFSL

Exhibit 9: Margins improved 250bp sequentially despite...



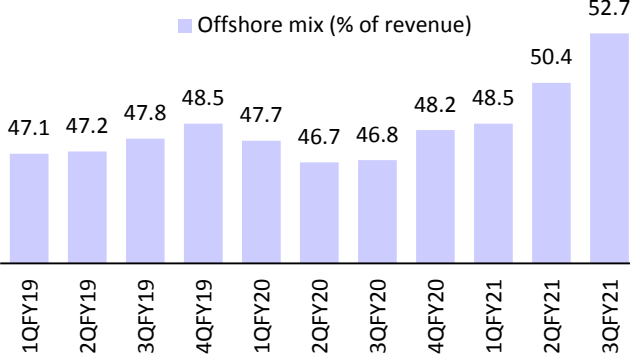
Source: Company, MOFSL

Exhibit 10: ...marginal decline in utilizations, however...



Source: Company, MOFSL

Exhibit 11: ...increase in offshore mix aided margins



Source: Company, MOFSL

Operating metrics

Exhibit 12: Operating metrics

	1QFY19	2QFY19	3QFY19	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21
Services Composition (%)											
IMS	26.3	25.6	25.0	25.2	25.7	25.7	25.8	25.8	25.9	25.6	25.6
BPO	12.4	12.9	14.7	14.9	14.7	14.7	15.3	14.6	14.8	15.5	15.9
Product Engg and Mobility	7.4	7.4	7.1	7.2	7.6	7.5	7.5	7.7	7.7	7.4	7.2
Wipro Analytics	7.2	7.8	7.6	7.6	7.4	7.3	7.2	7.2	7.2	7.0	6.9
Application Services	46.7	46.3	45.6	45.1	44.6	44.8	44.2	44.7	44.4	44.5	44.4
Verticals (%)											
Finance Solutions	29.8	30.5	31.4	31.5	31.6	31.3	30.9	30.4	30.7	31.2	30.5
Manufacturing	8.4	8.3	8.1	8.0	7.9	8.1	8.2	8.2	8.1	8.2	8.3
Healthcare Lifescience	13.6	13.0	13.1	13.2	13.2	13.0	13.1	13.5	13.5	13.7	13.9
Energy, Natural Resources & Utilities	12.7	12.8	13.0	12.8	12.8	12.9	12.9	12.8	13.2	12.9	13.1
Communications	5.7	5.8	5.8	5.7	5.9	5.7	5.7	5.5	5.1	5.3	5.2
Consumer	15.3	15.7	15.6	16.2	15.6	16.0	16.9	16.8	15.9	16.2	16.4
Technology	14.5	13.9	13.0	12.6	13.0	13.0	12.3	12.8	13.5	12.5	12.6
Geography (%)											
Americas	56.0	56.1	57.1	58.2	58.7	59.6	59.2	59.1	59.0	58.4	57.6
Europe	26.1	25.7	25.5	24.6	24.6	23.5	23.7	24.1	23.7	23.8	25.2
ROW	17.9	18.2	17.4	17.2	16.7	16.9	17.1	16.8	17.3	17.8	17.2
Customer size distribution (TTM)											
> \$100M	8	9	10	10	13	13	14	15	13	11	10
> \$75M	19	19	19	22	23	23	22	22	22	24	24
> \$50M	40	39	41	41	41	41	41	40	39	39	38
> \$20M	91	92	99	96	90	92	96	96	97	100	97
> \$10M	171	177	171	172	166	165	169	166	183	166	168
> \$5M	268	265	269	262	259	261	260	260	258	257	260
> \$3M	359	348	339	339	340	341	344	341	348	342	341
> \$1M	595	584	578	571	564	569	572	574	577	573	567
Customer metrics											
Revenue from Existing customers %	99.5	98.6	97.9	97.6	99.4	98.4	97.6	97.0	99.7	98.6	97.4
Number of new customers	75	76	57	63	41	57	77	65	42	97	89
Total Number of active customers	1184	1131	1132	1115	1060	1027	1070	1074	1004	1089	1136
Employee metrics											
Closing Headcount - IT Services (k)	165	175	172	171	175	181	187	183	182	185	190
Sales & Support staff - IT Services (k)	15	15	15	14	14	15	15	15	15	15	15
Utilization											
Gross Utilization (%)	74.5	74.4	73.4	75.4	73.9	71.4	70.2	73.4	75.0	76.4	74.8
Net Utilization (excl trainees) (%)	85.2	85.5	83.2	85.4	85.0	82.1	79.6	82.6	84.5	86.9	86.3
Attrition											
Voluntary TTM	17.0	17.4	17.9	17.6	17.6	17.0	15.7	14.7	13.0	11.0	11.0
BPO - Post training	9.5	11.2	9.4	10.8	10.0	9.9	9.6	10.8	4.4	6.1	7.0
Customer Concentration (%)											
Top customer	3.7	3.7	3.7	3.7	3.7	3.2	3.0	3.0	3.2	3.2	3.1
Top 5	11.9	12.2	13.0	13.7	13.8	12.8	12.3	12.2	12.3	12.0	11.9
Top 10	18.7	19.1	19.7	20.4	20.7	19.8	19.2	19.3	20.3	19.6	18.9

Source: MOFSL, Company

Financials and valuations

Income Statement						(INR b)		
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Sales	512	550	545	586	610	620	701	778
Change (%)	9.1	7.4	-1.0	7.5	4.2	1.5	13.1	11.1
Operating Costs	357	392	386	413	436	425	478	530
SG&A	59	69	75	75	69	73	78	89
EBITDA	112	113	105	117	126	149	174	193
% of Net Sales	21.9	20.5	19.3	19.9	20.6	24.1	24.9	24.8
Depreciation & Amort.	15	23	21	19	21	28	30	33
EBIT	97	90	84	97	105	122	144	160
Margins	18.9	16.3	15.5	16.6	17.2	19.7	20.6	20.5
Other Income	18	21	18	18	17	17	17	18
PBT	115	110	102	115	123	139	161	178
Tax	25	25	22	25	25	31	36	40
Rate (%)	22.1	22.8	21.8	21.9	20.2	22.3	22.5	22.5
PAT	89	85	80	90	98	108	124	138
Minority Interest	0	0	0	0	0	1	1	1
Adjusted PAT	89	85	80	90	97	107	124	137
Change (%)	2.8	-4.5	-5.7	12.4	8.0	9.8	16.1	10.8

Balance Sheet						(INR b)		
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Share Capital	5	5	9	12	11	11	11	11
Reserves	460	515	474	556	546	525	522	519
Net Worth	465	520	483	568	557	537	533	531
Minority Interest & others	23	24	19	22	38	38	44	49
Loans	125	142	138	99	78	68	58	48
Capital Employed	613	687	640	690	674	643	635	627
Gross Block	150	178	194	220	268	283	297	309
Less : Depreciation	85	108	130	149	170	191	215	242
Net Block	65	70	64	71	98	92	82	67
Investments	5	7	13	13	11	11	11	11
Intangible Assets	118	142	136	131	147	147	147	147
Other non-current assets	33	36	41	47	41	41	43	44
Curr. Assets	503	539	506	572	520	505	530	555
Debtors	148	140	143	123	130	131	134	138
Inventories	5	4	3	4	2	2	2	2
Cash & Bank Balance	303	345	294	399	334	318	335	354
Adv., Other Current Assets	46	50	65	46	54	55	58	60
Current Liab. & Prov	111	107	121	143	143	154	178	196
Net Current Assets	392	432	386	429	377	351	352	358
Application of Funds	613	687	640	690	674	643	635	627

Financials and valuations

Ratios

Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Basic (INR)								
EPS	13.6	13.0	12.5	14.6	16.4	18.5	21.6	23.9
Cash EPS*	15.9	16.7	16.0	18.2	20.2	23.5	26.8	29.7
Book Value	71.2	80.6	76.5	94.8	95.6	94.2	93.6	93.1
DPS	12.0	2.0	1.0	5.1	1.0	18.5	18.4	20.3
Payout %	88.5	15.3	8.1	35.0	6.1	100.0	85.0	85.0
Valuation (x)								
P/E	33.8	35.2	36.7	31.4	28.0	24.9	21.2	19.2
Cash P/E	28.9	27.5	28.7	25.2	22.7	19.5	17.1	15.4
EV/EBITDA	25.2	24.5	26.0	21.0	19.2	15.8	13.4	12.0
EV/Sales	5.5	5.0	5.0	4.2	4.0	3.8	3.3	3.0
Price/Book Value	6.4	5.7	6.0	4.8	4.8	4.9	4.9	4.9
Dividend Yield (%)	2.6	0.4	0.2	1.1	0.2	4.0	4.0	4.4
Profitability Ratios (%)								
RoE	20.4	17.2	16.0	17.1	17.3	19.5	23.2	25.8
RoCE	16.1	13.0	11.9	13.1	13.7	16.0	19.2	21.2
Turnover Ratios								
Debtors (Days)	105	93	96	77	78	77	70	65
Asset Turnover (x)	0.8	0.7	0.7	0.7	0.7	0.8	0.9	1.0

Cash Flow Statement

Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
(INR b)								
CF from Operations	85	88	85	89	124	128	148	164
Cash for Wkg. Capital	-6	5	-1	27	-24	9	21	16
Net Operating CF	79	93	84	116	101	137	169	180
Net Purchase of FA	-13	-16	-21	-21	-22	-15	-14	-12
Other change in investments	82	-11	14	59	6	0	0	0
Dividend from Subsidiary								
Net Cash from Invest.	68	-27	-6	38	-16	-15	-14	-12
Issue of Shares/Other adj	0	0	0	0	0	0	0	0
Proceeds from LTB/STB	34	11	-14	-44	-142	-15	-15	-15
Dividend Payments	-35	-34	-116	-5	-8	-123	-122	-135
Net CF from Finan.	-2	-23	-130	-49	-151	-138	-137	-150
Free Cash Flow	66	77	64	95	78	121	155	168
Net Cash Flow	146	43	-52	105	-66	-16	18	18
Forex difference	1	-1	0	1	2	0	0	0
Opening Cash Bal.	157	303	345	293	398	334	318	336
Add: Net Cash	146	41	-52	106	-64	-16	18	18
Closing Cash Bal.	303	345	293	398	334	318	336	354

E: MOSL Estimates

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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