Mindtree

SELL



Annual Report Analysis FY20 – A Year of Big Change

FY20 was quite an eventful year for Mindtree as it saw change in management with L&T Group taking over ownership as well as Operating control from Founder promoters. The event led to significant changes in executive teams and Board reconstitution. Mindtree witnessed about 17 of its Top-35 employees leaving the company (Refer Exhibit 8). L&T group also filled in key positions by inducting New external leaders to take key positions - CEO, COO and CFO.

The key strategy continues to revolve around its capabilities in the Digital technology which has led to significant growth in Order bookings during the year. Although the financial performance moderated during the year the company still managed to grow its Digital revenues (38% of its revenues) by 15% and also witnessed record 15% growth in its TCV signings at US\$1.2bn in FY20 -(Exhibit 5-7). Also to fill in order to maintain growth will continue to focus on digital transformation. Mindtree has been continuously focusing on building new technologies and on the strength of existing partnership that in turn is driving up its Customer Experience survey (Exhibit 1-4). MTCL has successfully demonstrated the same with Microsoft that is top customer accounting ~24% of revenues and nearly half of its incremental revenues inn FY20.

Strategic Outlook set by Chairman - A M Naik

Chairman highlighted that Mindtree will leverage L&T's global network to get opportunities in L&T's global customers. Mindtree will continue to focus for expansion in remote work practices and automation of services along with its' legacy of differentiated solutions.

Takeaways from CEO's Address

- During the year, Debashis Chatterjee (DC) was inducted as CEO in Aug-19. Prior to this, He was President, Global Delivery & Digital Systems at Cognizant.
- CEO in his first address highlighted that post joining he prioritized to bring greater stability and continuity to the business, including deepening relationships with strategic customers which then shifted to accelerate growth by strengthening offerings and pursuing larger, strategic deals (annuity-based) through increased cross-selling with partners.
- DC anticipates softening of demand in FY21, as organizations address concerns over business continuity, availability and survival (with no visibility how long industries take to recover) but believes Mindtree is positioned well (based on demand for digital transformation).
- Companies are evolving their business models and require agile solutions. Mindtree will address the growing demand for niche skills (such as cloud and platforms-as-a-service based services) and focus on cybersecurity skills which are increasingly critical to the success of the long-term remote working model.
- Customers will continue to conserve cash, reduce waste, and improve productivity of their assets and Mindtree will continue to support these strategic initiatives.
- Focus on winning large annuity deals is continued.

Outlook:

For FY21, Mindtree anticipates softness in overall revenue in H1 due to a drop in demand, curtailment of discretionary spends and cost optimization pressure. At the same time, expects demand from customers for digital and transformational services as they invest into data, cloud-enabled solutions, customer centric and end-user experience businesses. Focus on signing multi-year annuity deals, rationalizing tail accounts and going deeper into the limited set of strategic customers is still continued. Will leverage L&T group on synergies to grow faster and winning bigger deals. Mindtree expects the top-line recovery during the second half of FY21. Margin improvement (FY21 over FY20) is one of key priorities.

СМР	Rs 915
Target / Downside	Rs 840 / 8%
BSE Sensex	34,762
NSE Nifty	10,092
Scrip Details	
Equity / FV	Rs 1,646mn / Rs 10
Market Cap	Rs 150bn
	US\$ 2bn
52-week High/Low	Rs 1,063/Rs 652
Avg. Volume (no)	1,133,010
NSE Symbol	MINDTREE
Bloomberg Code	MTCL IN
Shareholding Pat	ttern Mar'20(%)
Promoters	13.3
MF/Banks/FIs	7.7
FIIs	36.2
Public / Others	42.9

Mindtree Relative to Sensex



VP Research: Rahul Jain Tel: +9122 40969771 E-mail: rahulj@dolatcapital.com

Associate: Divyesh Mehta Tel: +91 22 40969768 E-mail: divyesh.mehta@dolatcapital.com





M, D & A Key Takeaways

- Adopting to new paradigm: Mindtree expects that the pandemic will bring long-term changes in the IT industry (remote delivery, improvement in productivity, increased offshore work, restructuring of contracts, and new compensation structures with IT customers)
- Growth to moderate in FY21: The lockdown in different countries across the Americas and Europe and travel restrictions will negatively impact growth. Prior projections of the industry size for Indian IT Services at \$350 Billion by FY25 is likely to be revised as there are cutbacks by customers globally across different sectors.
- Technology changes: Clients are more aggressive in uptake of new offerings to mitigate any disruptions to their business models. The primary technology trends in the digital world is evolving around AI, Blockchain, Cloud Computing, Analytics, IoT, and augmented and virtual reality. Mindtree has already taken initiatives in these new technologies under Digital Pumpkin (innovation hub).
- India as a talent hub: India has become the world's largest digital capability hub, accounting for ~ 75% of the global digital talent. Revenue from digital is expected to contribute 38% of all IT & ITES revenue by FY25. Indian IT industry employed 4.1 Million people with a budget of about \$90 Billion in FY19. Due to lowering of IT systems related spend by most customers (except infrastructure spend, which will grow to accommodate remote work and business support), the hiring trend could dip in FY21.

How Mindtree managed COVID-related operational challenges

Mindtree step up a war room and a crisis management team by 3rd March,2020 and achieved 99.5% WFH level by 27th March,2020. Mindtree received positive feedback from clients "one of America's largest private humanitarian foundations", "a global CPG company", "one of America's biggest integrated managed care providers", "a multinational airline IT and telecom services provider", "one of UK's biggest news broadcasters" and "one of the world's largest technology products companies". This swift movement to WFH was possible as 1) 85% of workforce already had laptop with par / above-par config 2) Employees were accustomed to WFH as they already had a policy in place (6 WFH days per month) 3) Mindtree already has Information Security setup and Data Protection in place.

Mindtree's Delivery Strategy

Mindtree has identified three strategic levers to consolidate deliverables and provide best outcomes for clients. They are Simplify, Differentiate and Change.

- Simplify: Simplifying and streamlining the way Mindtree works internally and with customers.
- **Differentiate:** Differentiate in the marketplace through its transformative capabilities, domain depth, unique solutions and frameworks.
- Change: Align with the ever-evolving technology landscape and customer expectations, change business model, IT delivery processes, and enhance people skills.





Technology Partnership driving growth and Customer Satisfaction

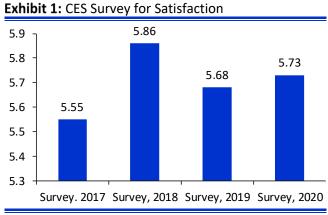
Mindtree has created strong Tech capabilities creating strong niches that has supported strong growth for the company and has also helped it maintain consistent high scores in the Customer Experience Survey. Following are some of the key technology partnership and its status:

- Microsoft: Mindtree was named a Preferred Partner for Microsoft Azure. Mindtree is also a Gold partner (one of 25) who have access to all Microsoft resources to deliver best solutions. Mindtree has more than 4,000 Microsoft experts with a knowledge base and skills in many MS products.
- Salesforce: Mindtree is a Platinum Partner for Salesforce. Mindtree and Magnet 360 (acquired subsidiary) are considered strategic innovator within the Salesforce partner ecosystem. Mindtree's core Salesforce expertise and skill in implementing and integrating Salesforce's marketing automation solutions in conjunction with Salesforce Community Cloud provides competitive edge. Mindtree's Munich CoE spans the full range of the Salesforce Customer Success Platform, including Sales Cloud, Service Cloud and Community Cloud.
- SAP: Mindtree is currently the only integrated service provider in the world with expertise on the SAP HANA platform across all three major public cloud platforms: AWS, Azure, and Google. Mindtree is among a handful of Lighthouse Partners and also has own product offerings built on SAP technology.
- AWS: Mindtree is an Advanced Consulting Partner in the Amazon Partner Network (APN) for AWS.
- Adobe: Mindtree's partnership under Adobe Partnership Program, allows Mindtree to implement a suite of customer experience transformation services and Adobe Experience Cloud solutions to accelerate digital transformation.



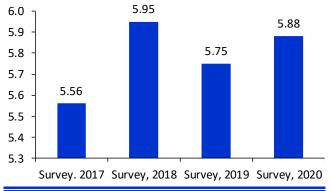


Customer Experience Survey



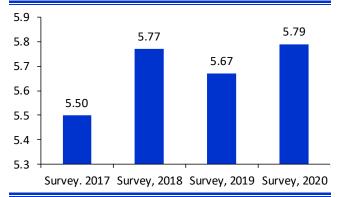
Source: Company, DART, Scale of scores unknown





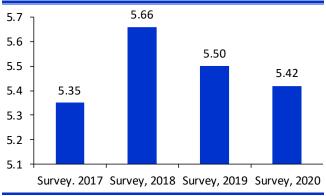
Source: Company, DART, Scale of scores unknown

Exhibit 2: CES Survey for Loyalty



Source: Company, DART, Scale of scores unknown





Source: Company, DART, Scale of scores unknown





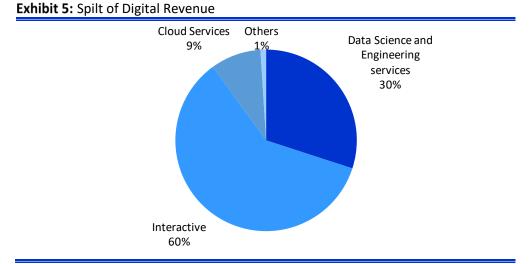
IT Modernization Solutions

Mindtree has shared the IT Modernization solutions it offers

- MWatch: MWatch is an intelligent service enabler for Mindtree's managed services and is available for both on premise and cloud-based infrastructure. IT eliminates daily manual errors and processes.
- Cloud-first approach: Mindtree manages cloud infrastructure with an automation-first approach, leveraging its AIOps platforms to improve service availability, observability and reduce overall cost of operations.
- Applistructure management: It offer the expertise to connect the dynamic and changing technology paradigms to the true business goals of client organization. MTCL's operational centers have built-in disaster recovery operations, ensuring that client's data and infrastructure have industryleading safeguards. Its experience enables high availability and continuous optimization in a hybrid cloud across the business application ecosystem
- Security: Security threats are increasing in frequency and potency, and leading companies worldwide face a tough challenge as new use cases emerge with constantly changing IT landscape.
- MSecure: Mindtree's MSecure-Threat Vulnerability Management (TVM) service serves as the backbone in reducing an organization's system exposure, hardening the endpoint surface area and increasing organizational resilience.

Digital revenues driving growth and TCV traction

The company derives about 38% of its revenues from Digital technologies that is well spread across diverse sub-segments. Interactive Experience services (AI-powered conversational apps) being the largest segment accounts for 60% of revenues. Data and Engg forms 30% of the Digital offerings and this alongwith Cloud Services (9% of revenues) is the fastest growing services for MTCL.

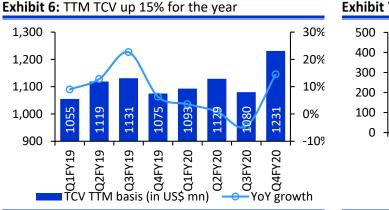


Source: DART, Company



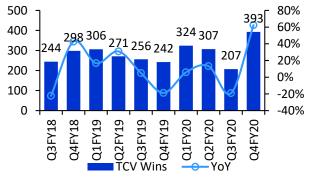


Traction in Digital services has led to strong growth in TCV signings. In FY20 despite severe leadership change company managed to grow TCV by 15% for the year on TTM basis at US\$ 1.2bn. With Digital accounting for 48% to the total TCV addition.



Source: DART, Company







Other Key Takeaways

- Mindtree has deployed 764 BOTs to aid next level of automation. BOTs, coupled with SAP S4 HANA capabilities, will be a critical and play a larger role in coming years.
- Mindtree employees have spent 2.3Mn hours in Yorbit (Mindtree's home grown learning platform) since its inception. They have completed 87,000 courses in FY20. The average learning hours per Mindtree employee per year increased from 70.69 in FY19 to 77.13 in FY20.
- Mindtree is moving campus hiring to live interviews (MS Teams and SharePoint). Mindtree will also change the compensation structure and mix of college it visits.
- Application Management Services is the most sought after practices across our customer base and via AMS, Mindtree has become strategic partner for many customers. With the high rate of adoption of AMS, customers rely on Mindtree to manage some of their business critical services. As these will be upgraded in later years, Mindtree expects to become a strategic partner to more of its customers across multiple domains.
- Opened a new delivery center in Atlanta, a new European headquarters in London, and an immersive technology experience center called 'Immersive Aurora', in Bengaluru.

Leadership development and succession planning

With change in the ownership of the company, KMPs and Board has seen significant changes. The company has seen almost half of its Top35 executives leaving the company during the year (Refer Exhibit 8). The company has now filled all the CXO level positions (CEO, CFO, COO) externally but is now focusing on building strong leadership capabilities within the organisations in line with the philosophy of building professional-led organization compared to promoter-led structure of the past. MTCL since inception (20 years) only saw its Founders (all three CEOs) taking key roles of MD/CEO by rotation.





After a tumultuous year on KMP changes and high attrition (Q2 attrition peaked at 20%) the company now has made significant investments towards leadership development within the organization to create strong succession planning.

As part of this exercise, 15 key leaders have completed their external assessments, two leaders have been chosen to be mentored by non-executive Chairman and CEO & MD of the group. Mindtree is currently designing the Multi-Source Feedback creating individual IDPs, creating customized development plan and conducting effective succession planning.

Name	Designation	Date of Joining				
Key Senior Personnel - Induction	Key Senior Personnel - Inductions during the year					
Debashis Chatterjee	CEO & Managing Director	Aug-19				
Dayapatra Nevatia	Chief Operating Officer	Mar-20				
Key Senior Personnel - Exits duri	ing the year					
Name	Designation	Employed Since				
Krishnakumar Natarajan	Executive Chairman	Aug-99				
Rostow Ravanan	CEO & Managing Director	Aug-99				
N S Parthasarathy	Executive Vice Chairman & COO	Aug-99				
Guita Blake	Senior Vice President	Feb-16				
Satya Ramaswamy	Executive Vice President	Jan-18				
Balaji Thirumalai	Senior Vice President	Mar-17				
Ramesh Gopalakrishnan	Executive Vice President	Aug-00				
Pradip Kumar Menon	Senior Vice President and CFO	Sep-18				
Anil M Rao	Senior Vice President	Apr-01				
Gaurav Johri	Senior Vice President	Feb-08				
Anindya Maitra	Associate Vice President	May-07				
Anish Philip	Vice President	Jan-15				
Srinivas Bhagavatula	Associate Vice President	Oct-99				
Vinod Sarma	Associate Vice President	Aug-15				
Erwan Carpentier	Senior Vice President	Jan-15				
Koushik Ramani	Associate Vice President	Aug-12				
Seshagiri Rao Injarapu	Vice President	May-15				
Ajay Mittal	Associate Vice President	Jun-06				

Exhibit 8: Changes in Key Personnel

Source: DART, Company





Exhibit 9: Annual Report Marco View

Particulars	De	etails			
Key Management	Exits: Rostow Ravanan, Guita Blake, Krishnaku Parthasarathy, Balaji Thirumalai have resigned		aswamy, N S		
	Induction: Debashis Chatterjee joined as CEO was appointed as Chief Financial Officer with	_			
	Anilkumar Manibhai Naik was designated as N appointed as CEO and Managing Director fron		ebashis Chatterjee		
	Mr. Krishnakumar Natarajan, Executive Chairr Chairman and Chief Operating Officer and Mr. resigned from the Board on July 17, 2019.	-			
Board of Directors	Mr. Sekharipuram Narayanan Subrahmanyan, Mr. Jayant Damodar Patil, Mr. Prasanna Rangacharya Mysore, Mrs. Deepa Gopalan Wadhwa and Mr. Ramamurthi Shankar Raman appointed as Non-Executive Director of the Company with effect from July 16, 2019.				
	Mr. Subroto Bagchi, Non-Executive Director o 16, 2019. Pradip Menon resigned on Novembe Director, has resigned from the company due membership across various companies with e	er 15, 2019. Mr. Milind Sarv to re-organization of his po	wate, Independent		
Auditors	No change. M/s Deloitte Haskins & Sells LLP continues to be the Auditors of the company.				
Credit Ratings	Long Term Issuer Rating upgrade to 'IND AA+' with a positive outlook by India Rating. Short Term facilities re-affirmed with A1+ rating by India Rating.				
Pledged Shares	No Change.				
Macro-economic factors	Companies are evolving their business models the growing demand for niche skills (such as and focus on cybersecurity skills which are ir remote working model. Mindtree expects tha IT industry (remote delivery, improveme restructuring of contracts, and new compens	cloud and platforms-as-a- ncreasingly critical to the su t the pandemic will bring lo ent in productivity, incre	service based services access of the long-terr ng-term changes in th eased offshore work		
	Particulars (%)	FY19	FY20		
	Promoters				
	i) Promoter Shareholding *	13.32	74.11		
	Bank, Fls, Insurance Companies & Mutua	l Funds			
Key Holders	i) Mutual Funds	9.02	3.75		
	ii) FIs & Banks	0.63	1.24		
	iii) Insurance Companies	0	0.79		
		20.00			
	iv) FIIs	39.26	11.86		

Source: DART, Company, Non-Institution includes Escrow Holding; *Promoters for the company has changed during FY20 as the company is been acquired by LT group from strategic investor, founder promoters group and through open offer.





Financial Performance – FY20

Profit & Loss Analysis

- Mindtree reported 9.4% YoY growth in CC terms largely due to weak performance in non-top clients (grew 5.6% YoY – 78% of rev) that was partially covered up by strong performance in top client in top client (grew 21.5% YoY- accounting for 22% of Rev). Cross Currency impact and INR deprecation lead by 10.6% growth on reported basis.
- Geographic Growth: US (75% of rev) grew 10.8% YoY in USD terms. Europe (17% of rev) de-grew 3.2% YoY USD terms, India (4% of rev) grew 28% YoY in USD terms and RoW (4% of rev) grew 10.6% YoY in USD terms.
- Vertical Growth: Hi-Tech vertical led the growth at 13.3% YoY in USD terms

 Adjusted for top client, Hi-Tech grew 5% YoY in USD terms. Rest all other verticals reported lower-than-company growth in FY20 on CC basis. In Q4FY20 CC growth of verticals were pretty diverse with Manufacturing (-2.8%) and BFSI (-0.6%) reporting growth. Travel grew 5% and Hi-Tech grew 15.7% in CC terms on YoY basis.
- EBIT Margin declined by 270bps to 10.1% for the full year. This was largely due to one-time impact of appraisal (completion of 20 years) in Q1FY20 of INR 450mn. SG&A as a % of Rev declined 80bps to 21.1%. Mindtree expects some improvement in FY21 over FY20 as margin improvement initiatives will yield result in FY21.
- Net profit declined by 16.3% to INR 6.3Bn. Net Profit margin declined by 260bps YoY to 8.1% (largely reflecting impact of EBIT margin decline). EPS declined by 17% to INR 38.3 per share.
- Attrition rate has elevated to 17.4% on LTM basis from 14.2% and total headcount has increased to 21,991 (up 9% YoY).

Balance Sheet Analysis

- Current Investments increased by 2% to INR 6,944Mn in FY20. Cash and cash equivalents Stood at Rs 3.9bn up frrm Rs2.6bn YoY.
- Billed DSO largely remained stable at 68 days' v/s 69 days (FY19). Unbilled Revenue stood at INR 3,148Mn (up 5% YoY). Billed + Unbilled DSO stands at 82 days' v/s 85 days (FY19).
- Mindtree issued 360,025 shares in ESOPs and added INR 4Mn in Equity.
- Mindtree has lease liability of INR 5,663Mn. Mindtree has paid off INR 5Mn borrowing from FY19 (Unsecured long-term borrowings represents the amount received from Council for Scientific and Industrial Research (CSIR)).

Cash Flow Analysis

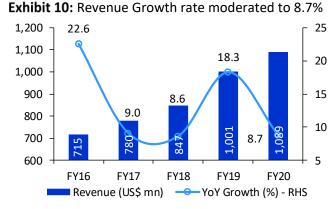
- Net Cash Flow from Operating Activities grew by 31% to INR 8.2bn in FY20. Operating cash flows are at 76% (v/s 119% in FY19) and free cash flows are at 85% (v/s 74% in FY19) of net income.
- Capex stood at INR 1,2bn in FY20 v/s INR 1,7bn YoY.



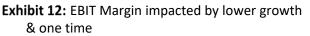


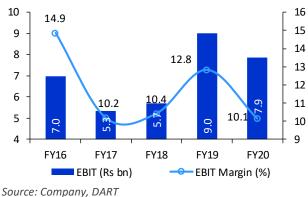


Financial Performance moderated in FY20

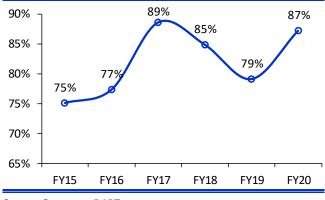


Source: Company, DART

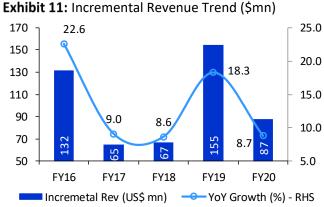






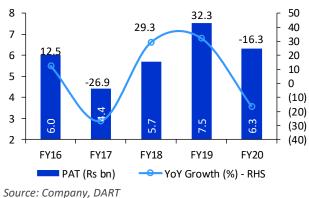


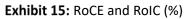
Source: Company, DART

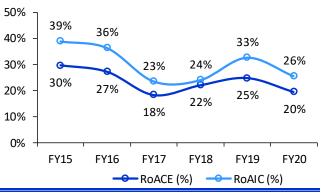


Source: Company, DART

Exhibit 13: PAT declined 16% in FY20 on weak OPM







Source: Company, DART





Valuations

Valuations underplay concentration risk; assign Under-weight

View: Stock has recovered sharply by 30% from the lows, given its strong Q4, improved order book and positive read through from Top client. However, given the increased uncertainty and high client concentration risk we believes the current valuations are bit stretched and thus have ascribed Underweight view on the stock with TP of Rs 840 valued at 17x on FY22E EPS in line with 10% discount to its 3 year median PER.

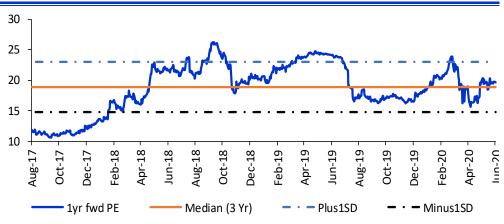


Exhibit 16: PE Chart

Source: DART, Company





Profit a	and	Loss	Account
----------	-----	------	---------

(Rs Mn)	FY19A	FY20A	FY21E	FY22E
Revenue	70,215	77,643	81,389	89,711
Total Expense	59,570	67,020	69,131	76,340
COGS	44,212	50,647	52,077	57,413
Employees Cost	0	0	0	0
Other expenses	15,358	16,373	17,053	18,928
EBIDTA	10,645	10,623	12,259	13,371
Depreciation	1,641	2,754	2,786	2,971
EBIT	9,004	7,869	9,472	10,400
Interest	29	529	517	514
Other Income	893	948	765	895
Exc. / E.O. items	0	0	0	0
EBT	9,868	8,288	9,720	10,781
Tax	2,327	1,979	2,299	2,695
RPAT	7,541	6,309	7,421	8,086
Minority Interest	0	0	0	0
Profit/Loss share of associates	0	0	0	0
АРАТ	7,541	6,309	7,421	8,086

Balance Sheet				
(Rs Mn)	FY19A	FY20A	FY21E	FY22E
Sources of Funds				
Equity Capital	1,642	1,646	1,646	1,646
Minority Interest	0	0	0	0
Reserves & Surplus	31,423	29,922	34,545	39,668
Net Worth	33,065	31,568	36,191	41,314
Total Debt	179	6,762	6,762	6,762
Net Deferred Tax Liability	361	(1,835)	(1,835)	(1,835)
Total Capital Employed	33,605	36,495	41,118	46,241

Applications of Funds				
Net Block	9,966	14,228	13,792	16,107
CWIP	0	0	0	0
Investments	3,764	2,954	3,579	4,229
Current Assets, Loans & Advances	27,672	32,549	37,608	40,415
Inventories	0	0	0	0
Receivables	13,356	14,389	16,739	18,939
Cash and Bank Balances	2,562	3,909	6,618	7,225
Loans and Advances	11,754	14,251	14,251	14,251
Other Current Assets	0	0	0	0
Less: Current Liabilities & Provisions	7,797	13,236	13,861	14,511
Payables	2,131	2,587	2,087	1,587
Other Current Liabilities	5,666	10,649	11,774	12,924
sub total				
Net Current Assets	19,875	19,313	23,747	25,904
Total Assets	33,605	36,495	41,118	46,241
F - Estimatos				

E – Estimates





Particulars	FY19A	FY20A	FY21E	FY22E
(A) Margins (%)				
Gross Profit Margin	37.0	34.8	36.0	36.0
EBIDTA Margin	15.2	13.7	15.1	14.9
EBIT Margin	12.8	10.1	11.6	11.6
Tax rate	23.6	23.9	23.7	25.0
Net Profit Margin	10.7	8.1	9.1	9.0
(B) As Percentage of Net Sales (%)				
COGS	63.0	65.2	64.0	64.0
Employee	0.0	0.0	0.0	0.0
Other	21.9	21.1	21.0	21.1
(C) Measure of Financial Status				
Gross Debt / Equity	0.0	0.2	0.2	0.2
Interest Coverage	310.5	14.9	18.3	20.2
Inventory days	0	0	0	C
Debtors days	69	68	75	77
Average Cost of Debt	21.2	15.2	7.6	7.6
Payable days	11	12	9	6
Working Capital days	103	91	106	105
FA T/O	7.0	5.5	5.9	5.6
(D) Measures of Investment				
AEPS (Rs)	45.9	38.3	45.1	49.1
CEPS (Rs)	55.9	55.1	62.0	67.2
DPS (Rs)	33.0	15.0	17.0	18.0
Dividend Payout (%)	71.9	39.1	37.7	36.6
BVPS (Rs)	201.4	191.8	219.9	251.0
RoANW (%)	24.9	19.5	21.9	20.9
ROACE (%)	24.8	19.5	20.5	19.7
RoAIC (%)	32.6	24.7	28.2	28.3
(E) Valuation Ratios				
CMP (Rs)	915	915	915	915
P/E	19.9	23.9	20.3	18.6
Mcap (Rs Mn)	150,259	150,259	150,259	150,259
MCap/ Sales	2.1	1.9	1.8	1.7
EV	147,876	153,112	150,403	149,796
EV/Sales	2.1	2.0	1.8	1.7
EV/EBITDA	13.9	14.4	12.3	11.2
P/BV	4.5	4.8	4.2	3.6
Dividend Yield (%)	3.6	1.6	1.9	2.0
(F) Growth Rate (%)				
Revenue	28.5	10.6	4.8	10.2
EBITDA	43.8	(0.2)	15.4	9.1
EBIT	58.2	(12.6)	20.4	9.8
PBT	32.9	(16.0)	17.3	10.9
APAT	32.3	(16.3)	17.6	9.0
EPS	32.0	(16.5)	17.6	9.0
Cash Flow				

(Rs Mn)	FY19A	FY20A	FY21E	FY22E
CFO	6,356	8,251	7,965	6,755
CFI	(1,984)	(229)	(2,458)	(3,150)
CFF	(5,099)	(6,672)	(2,798)	(2,998)
FCFF	4,673	7,031	5,615	4,255
Opening Cash	3,289	2,559	3,909	6,618
Closing Cash	2,562	3,909	6,618	7,225
E – Estimates				





DART RATING MATRIX

Total Return Expectation (12 Months	Total Return	Expectation	(12 Months
-------------------------------------	---------------------	-------------	------------

Buy	> 20%
Accumulate	10 to 20%
Reduce	0 to 10%
Sell	< 0%

Rating and Target Price History



Month	Rating	TP (Rs.)	Price (Rs.)
Jan-19	Accumulate	980	841
Apr-19	Reduce	970	969
Jul-19	SELL	700	691
Oct-19	SELL	670	743
Jan-20	SELL	760	864
Apr-20	Sell	690	780
Jun-20	SELL	840	908

*Price as on recommendation date

DART Team

Purvag Shah	Managing Director	purvag@dolatcapital.com	+9122 4096 9747
Amit Khurana, CFA	Head of Equities	amit@dolatcapital.com	+9122 4096 9745
CONTACT DETAILS			
Equity Sales	Designation	E-mail	Direct Lines
Dinesh Bajaj	VP - Equity Sales	dineshb@dolatcapital.com	+9122 4096 9709
Kapil Yadav	VP - Equity Sales	kapil@dolatcapital.com	+9122 4096 9735
Yomika Agarwal	VP - Equity Sales	yomika@dolatcapital.com	+9122 4096 9772
Jubbin Shah	VP - Derivatives Sales	jubbins@dolatcapital.com	+9122 4096 9779
Ashwani Kandoi	AVP - Equity Sales	ashwanik@dolatcapital.com	+9122 4096 9725
Lekha Nahar	AVP - Equity Sales	lekhan@dolatcapital.com	+9122 4096 9740
Equity Trading	Designation	E-mail	
P. Sridhar	SVP and Head of Sales Trading	sridhar@dolatcapital.com	+9122 4096 9728
Chandrakant Ware	VP - Sales Trading	chandrakant@dolatcapital.com	+9122 4096 9707
Shirish Thakkar	VP - Head Domestic Derivatives Sales Trading	shirisht@dolatcapital.com	+9122 4096 9702
Kartik Mehta	Asia Head Derivatives	kartikm@dolatcapital.com	+9122 4096 9715
Dinesh Mehta	Co- Head Asia Derivatives	dinesh.mehta@dolatcapital.com	+9122 4096 9765
Bhavin Mehta	VP - Derivatives Strategist	bhavinm@dolatcapital.com	+9122 4096 9705

Dolat Capital Market Private Limited. Sunshine Tower, 28th Floor, Senapati Bapat Marg, Dadar (West), Mumbai 400013



Analyst(s) Certification

The research analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

I. Analyst(s) and Associate (S) holding in the Stock(s): (Nil)

II. Disclaimer:

This research report has been prepared by Dolat Capital Market Private Limited. to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its affiliated company(ies) solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of Dolat Capital Market Private Limited. This report has been prepared independent of the companies covered herein. Dolat Capital Market Private Limited. and its affiliated companies are part of a multi-service, integrated investment banking, brokerage and financing group. Dolat Capital Market Private Limited. and/or its affiliated company(ies) might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, financing or any other advisory services to the company(ies) covered herein. Dolat Capital Market Private Limited. and/or its affiliated company(ies) might have received or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services. Research analysts and sales persons of Dolat Capital Market Private Limited. may provide important inputs to its affiliated company(ies) associated with it. While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and Dolat Capital Market Private Limited. does not warrant its accuracy or completeness. Dolat Capital Market Private Limited. may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision. The investment discussed or views expressed herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and Dolat Capital Market Private Limited. reserves the right to make modifications and alterations to this statement as they may deem fit from time to time. Dolat Capital Market Private Limited. and its affiliated company(ies), their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions. This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction. This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject Dolat Capital Market Private Limited. and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

For U.S. Entity/ persons only: This research report is a product of Dolat Capital Market Private Limited., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Dolat Capital Market Private Limited. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person or entity.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Dolat Capital Market Private Limited. has entered into an agreement with a U.S. registered broker-dealer Ltd Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer/Entity as informed by Dolat Capital Market Private Limited. from time to time.

Dolat Capital Market Private Limited.

Corporate Identity Number: U65990DD1993PTC009797 Member: BSE Limited and National Stock Exchange of India Limited. SEBI Registration No: BSE - INB010710052 & INF010710052, NSE - INB230710031& INF230710031, Research: INH000000685 Registered office: Office No. 141, Centre Point, Somnath, Daman – 396 210, Daman & Diu Board: +9122 40969700 | Fax: +9122 22651278 | Email: research@dolatcapital.com | www.dolatresearch.com