

Fractal Analytics (FRACTAL IN)

Q4FY26 Result Update

May 13, 2026

 Estimate Change | Target | Reco.

Change in Estimates

	Current		Previous	
	FY27E	FY28E	FY27E	FY28E
Rating	HOLD		BUY	
Target Price	1,040		1,110	
Sales (INR mn)	38,406	44,909	40,572	49,769
% Chng.	(5.3)	(9.8)		
EBITDA (INR mn)	6,546	8,070	6,451	8,411
% Chng.	1.5	(4.1)		
EPS (INR)	21.9	27.9	20.8	27.6
% Chng.	5.3	1.1		

Key Data

FRAL.BO | FRACTAL IN

BSE Code	544700
NSE Code	FRACTAL
52-W High / Low	INR 1,119 / INR 732
Face Value	1
Sensex / Nifty	74,559 / 23,380
Market Cap	INR 178 bn / \$ 1,859 mn
Shares Outstanding	171.97 mn
3M Avg. Daily Value	INR 0.00 mn

Shareholding Pattern (%)

Promoters	16.97
FII	40.48
MF	7.95
DII	5.30
Public	29.30
Promoter's Pledge	-

Stock Performance (%)

	1M	3M	6M	12M
Absolute	24.7	-	-	-
Relative	29.7	-	-	-

Key Financials - Consolidated

Y/e Mar	FY25	FY26	FY27E	FY28E
Sales (INR mn)	27,654	32,997	38,406	44,909
EBITDA (INR mn)	3,499	5,082	6,546	8,070
Margin (%)	12.7	15.4	17.0	18.0
PAT (INR mn)	1,960	3,032	3,779	4,801
EV (INR mn)	153,378	149,324	157,069	153,265
Total Debt (INR mn)	2,662	2,860	2,860	2,860
C&C Eq. (INR mn)	2,649	2,067	5,362	9,246
EPS (INR)	12.7	18.8	22.0	27.9
Gr. (%)	(561.7)	47.5	17.0	27.1
DPS (INR)	-	-	-	-
Yield (%)	-	-	-	-
RoE (%)	12.4	12.3	11.2	12.6
RoCE (%)	12.4	12.7	10.0	11.3
EV/Sales (x)	5.5	4.5	4.1	3.4
EV/EBITDA (x)	43.8	29.4	24.0	19.0
PE (x)	81.2	55.0	47.1	37.0
P/BV (x)	9.1	5.2	5.0	4.4

Strong margin performance offsets TMT weakness

Quick Pointers

- Mixed Q4, robust margin expansion continues in Q4
- Aspiring for 60% revenue mix from outcome based & IP linked revenue

Fractal's Q4 performance was mixed, with rev. growth of 3.7% QoQ in INR terms materially below our estimate of 8.3%, while EBITDA margin expanded sharply by 530 bps QoQ, ahead of our est. of 260 bps improvement. The rev. miss was largely attributable to weakness in the Fractal.ai business, particularly within the TMT vertical, which declined sharply by 14% QoQ, attributed to client-specific issues. Ex-TMT company reported strong growth of 27.5% YoY in FY26 in INR, validates healthy growth within other pockets. Further, the Alpha segment (~3% of revenue) continues to scale with losses steadily narrowing, aided by growing mix of IP-led and license-linked revenues through Asper.ai and Cogentiq. Management remains confident of robust medium-term growth, driven by accelerating enterprise AI adoption which will expand Fractal's addressable opportunity. On the margins front, the focus is to drive FPP/output/outcome-based constructs from currently ~40% to ~60% of revenue over the next three years. At the same time, unit economics played out strongly in FY26, revenue per billable FTE up 5% YoY which gives confidence to drive better margins for FY27E/FY28E. However, given Q4FY26 revenue miss and challenges in the TMT segment, we reduce our FY27E/FY28E consol. rev. growth estimates to 16.4%/16.9% from 21.5%/22.7% earlier. However, we raise our EBITDA margin estimates to 17.0%/18.0% from 15.9%/16.9%, driven by strong Q4 margin performance. We are also narrowing losses from associates for FY27E/FY28E, given Qure.ai reaching a steady state. We value the company at 20x EV/EBITDA to arrive at a target price of INR 1,040 and downgrade the stock to HOLD (BUY earlier).

Revenue: In INR terms, revenue stood at Rs. 8.86 bn, up 17.0% YoY but below our estimate of Rs. 9.25 bn, driven primarily by the Fractal.ai segment (~98% of revenue), which grew 3.4% QoQ & 17.1%. Fractal Alpha reported revenue of Rs. 244 mn, compared to Rs. 214 mn in Q3FY26. Within the Fractal.ai segment, YoY growth was driven by HLS, BFSI and CPG, while the TMT segment declined due to certain client-specific issues.

Margin: Operating margin performance was strong in Q4FY26, with EBITDA margin at 20.3%, up 530 bps QoQ and 340 bps YoY, driven by gross margin expansion (+47 bps YoY), lower SG&A expenses (+140 bps YoY), and one-time benefits from a UK grant and variable pay adjustments (+147 bps YoY). Gross margin expansion was aided by improving engagement mix toward output-based contracts, pricing gains, productivity improvements, and rupee depreciation benefits, partly offset by annual wage hikes.

Quarter Summary

Y/e Mar	Q4'26E	Q4'26A	% Var.	Q4'25A	YoY gr. (%)
Net Sales (INR mn)	9,252	8,863	-4.0	7,575	17.0
EBITDA (INR mn)	1,627	1,801	11.0	1,281	41.0
Margin (%)	17.6	20.3	270 bps	16.9	340 bps
PAT (INR mn)	819	1,241	52.0	515	141.0

Source: Company, PL

Revenue below estimates but margin expands meaningfully

- Reported muted revenue growth of 1.1% & 9.5% YoY in CC terms. In rupee terms revenue came at INR 8.86 bn, up 3.7% QoQ & 17.0% YoY below our estimate of INR 9.25 bn.
- In INR terms, Fractal.ai segment (97.5% of revenue mix) grew by 3.4% QoQ & 17.1% YoY while Fractal alpha segment reported revenue of INR 244 mn compared to INR 203 mn in Q4FY25 and INR 214 mn in Q3FY26
- Segment wise, all segment except TMT segment reported growth on YoY basis. Growth was driven by HLS, BFSI & CPG which grew by 82%, 42% & 11% YoY respectively while TMT declined by 19%
- Geography wise, Europe, US, & APAC grew by 24%, 17% & 7% YoY respectively during the quarter
- Reported EBITDA margin came at 20.3%, up 530 bps QoQ & 340 bps YoY aided by lower employee benefit expenses which declined by 4.4% QoQ. Fractal.ai reported segment margin of 22.0%, up 610 bps QoQ & 470 bps YoY while Fractal alpha loss increased to INR 60 mn from INR 44 mn in Q3
- Adj. PAT before exceptional items & after minority interest came at INR 1.24 bn compared to our est. of INR 0.82 bn due to beat in EBITDA & higher other income
- Fractal in Q4FY26 added 1 client each to clients contributing USD 10 mn, USD 5 mn & USD 1 mn annual revenue bucket
- Revenue from Top 10/20 clients in INR terms reported muted growth of 1.9% & 1.2% QoQ respectively
- For FY26, company reported growth of 13.3% in CC terms & 14.2% in USD while EBITDA margin improved to 15.4% from 12.7% in FY25

Conference Call Highlights

- Management highlighted that despite geopolitical and macroeconomic uncertainty, enterprises are showing tremendous excitement around enterprise AI and increasing willingness to invest in transformation initiatives.
- Management highlighted that AI demand is shifting from point solutions towards full enterprise workflow reimagination, with enterprises increasingly asking Fractal to redesign entire business processes using AI.
- The company expects enterprise AI adoption to accelerate substantially over the next few years, while balancing aggressive growth with continued profitability expansion and operating leverage.
- Management stated that partnerships with hyperscalers, data platform providers and foundation model companies are becoming increasingly pivotal in enterprise AI transformation and are being strengthened through the company's go-to-market strategy.
- Management highlighted that the company is accelerating its shift towards output, outcome and license-based engagement revenues from ~40% currently to nearly 60% over the next 2-3 years, with output and outcome driven pricing carrying 5-7% higher gross margins and license revenues delivering 25-30% higher gross margins than traditional input-based models.
- Management indicated that Cogentiq platform revenue currently remains relatively small, with overall license revenue contributing only about 3% of Fractal's revenue, but management targets this to increase to 20% by 2030.
- Management indicated that the company remains focused on "must win clients" defined as companies with \$10 bn revenue, \$20 bn market cap or 30 mn customers, with the strategy aimed at building large and sustainable relationships generating \$2 mn to \$100 mn annually per client.

- Management highlighted that Asper and Analytics Vidhya, part of the Alpha portfolio, each serve over 15 clients, with Asper focused on CPG and FMCG customers including sub-\$10 bn revenue enterprises, while Analytics Vidhya works with enterprise clients across healthcare, banking and other industries aligned with Fractal's "must win clients" strategy.

Exhibit 1 : Q4FY26 Result: Mixed Q4, with miss in revenue but strong margin expansion

	4QFY26	4QFY26E	% Var.	3QFY26	QoQ (%)	4QFY25	YoY (%)	FY26	FY25	YoY (%)
Overall Revenue (INRmn)	8,863	9,252	-4.2	8,544	3.7	7,575	17.0	32,997	27,654	19.3
Gross Profit	4,274	2,928	46.0	4,031	6.0	3,617	18.1	15,448	12,690	21.7
Gross Margin (%)	48.22	31.65	1660bps	47.18	100bps	47.75	50bps	46.82	45.89	90bps
SG&A and Other Costs	2,472.4	1,301.1	90.0	2,745.8	-10.0	2,336.7	5.8	10,366.2	9,191.4	12.8
% of Rev	27.90	14.06	1380bps	32.14	-420bps	30.85	-300bps	31.42	33.24	-180bps
EBITDA	1,801	1,627	10.7	1,285	40.2	1,281	40.7	5,082	3,499	45.3
EBITDA Margin (%)	20.32	17.58	270bps	15.04	530bps	16.90	340bps	15.40	12.65	280bps
Depreciation	366	321	14	357	2	339	7.7	1358	1023	32.7
% of Rev	4.12	3.47	70bps	4.18	-10bps	4.48	-40bps	4.11	3.70	40bps
EBIT	1436	1306	10.0	928	54.7	941	52.6	3725	2476	50.5
EBIT Margin (%)	16.20	14.11	210bps	10.86	530bps	12.42	380bps	11.29	8.95	230bps
Other Income (net)	58	-177	-132.8	-281	-121	-115	-150.5	-548	-366	49.7
PBT	1,494	1,128	32.4	647	130.9	826	81.0	3,177	2,110	50.6
Tax	273	299	-8.7	-353	-177.3	304	-10.2	199	174	14.4
Effective tax rate (%)	18.27	26.49	-820bps	-54.56	7280bps	36.82	-1850bps	6.26	8.25	-200bps
Adjusted PAT	1,241.0	819.4	51.5	1,024.9	21.1	514.6	141.1	3,032	1,960	54.7
Exceptional items	-63	0	NA	1	NA	33	NA	-110	270	NA
Reported PAT	1,178.0	819.4	43.8	1,025.9	14.8	547.6	115.1	2,922	2,230	31.0
Reported EPS (INR)	7.1	5.1	38.3	6.4	10.5	3.5	99.7	18.2	14.5	25.6

Source: Company, PL

Exhibit 2 : Segmental Revenue Growth (%)

Segment	Contribution to revenue (%)	YoY growth (%)
CPG & Retail	37.1	11.4
TMT	20.9	-18.7
HLS	22.5	82.1
BFSI	12.5	41.8
Others	7.0	33.2

Source: Company, PL

Exhibit 3 : Region Wise Growth (%)

Geography	Contribution to revenue (%)	YoY growth (%)
America	68.4	17.4
Europe	18.4	24.4
APAC & Others	13.3	7.0

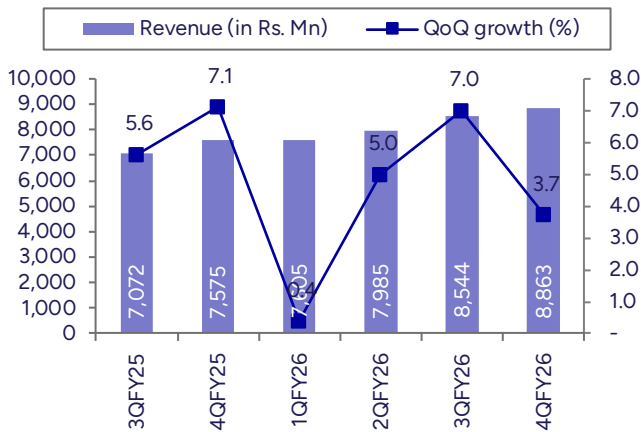
Source: Company, PL

Exhibit 4 : Key Performance Indicator

	3QFY25	4QFY25	1QFY26	2QFY26	3QFY26	4QFY26	FY25*	FY26*
Revenue (in Rs mn)	7,072	7,575	7,605	7,985	8,544	8,863	27,654	32,997
QoQ growth (%)		7.1	0.4	5.0	7.0	3.7	25.9	19.3
Fractal.ai Rev. (in Rs mn)	6,914	7,382	7,421	7,763	8,362	8,644	27,037	32,190
Fractal Alpha Rev. (in Rs mn)	166	203	203	247	214	244	644	908
EBITDA Margin (%)	12.5	16.9	13.5	12.1	15.0	20.3	12.7	15.4
Fractal.ai segment margin (%)	14.2	17.4	14.5	14.2	15.9	22.0	14.0	16.8
Fractal Alpha segment margin (%)	-21.7	-24.6	-5.4	-22.3	-20.6	-24.6	-43.9	-18.7

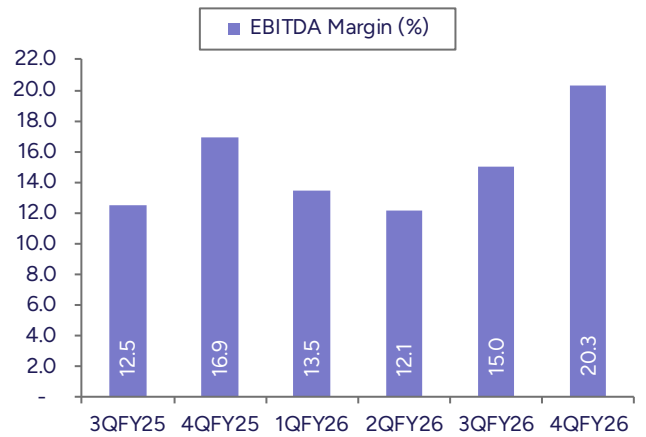
Source: Company, PL, *YoY growth

Exhibit 5 : Muted growth in Q4



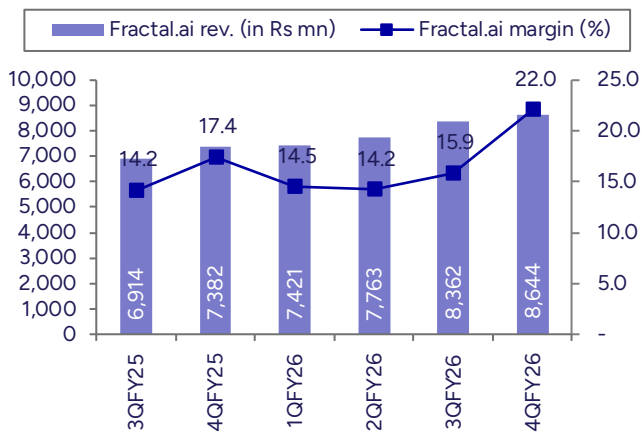
Source: Company, PL

Exhibit 6 : Strong margin expansion continues



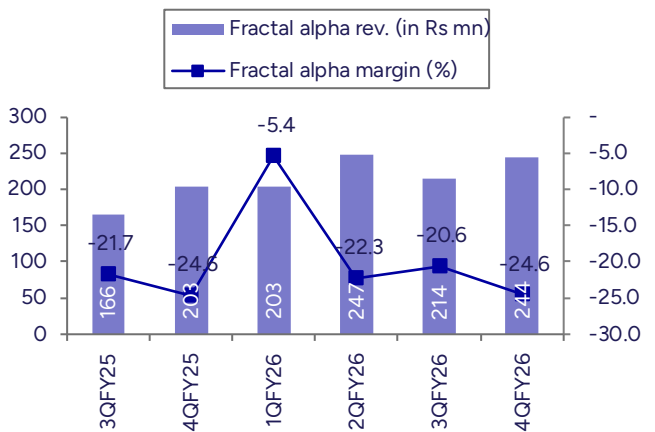
Source: Company, PL

Exhibit 7 : Fractal.ai impacted by TMT weakness



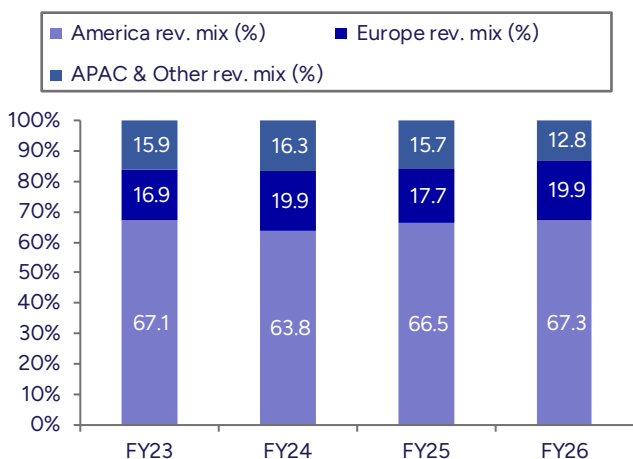
Source: Company, PL

Exhibit 8 : Alpha business continue to scale



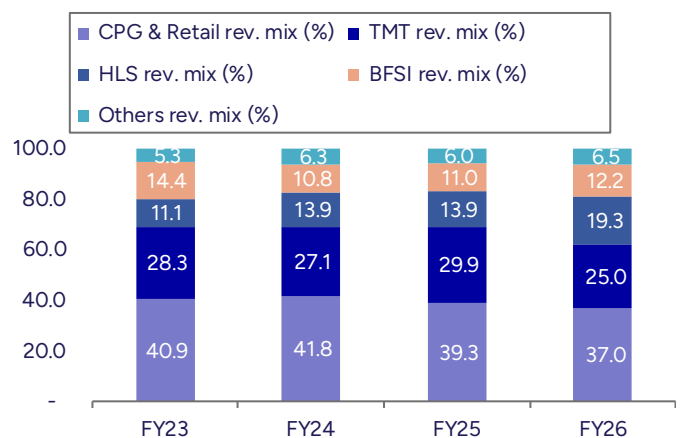
Source: Company, PL

Exhibit 9 : America segment concentration continues



Source: Company, PL

Exhibit 10 : TMT impacted by client specific issues



Source: Company, PL

Exhibit 11 : Operating Metrics

	1QFY25	2QFY25	3QFY25	4QFY25	1QFY26	2QFY26	3QFY26	4QFY26
Segment Mix (in %)								
CPGR	40.4	39.3	38.5	39.0	38.3	36.7	36.1	37.1
TMT	28.2	30.3	30.9	30.0	27.7	26.7	25.1	20.9
HLS	13.8	13.3	13.7	14.5	16.7	17.3	20.2	22.5
BFSI	11.3	11.2	11.3	10.3	11.5	12.9	11.8	12.5
Others	6.2	5.9	5.6	6.1	5.8	6.4	6.8	7.0
Geography Mix (in %)								
Americas	66.3	65.2	66.1	68.3	65.6	66.0	68.9	68.4
Europe	17.3	17.8	18.4	17.3	20.5	21.9	19.1	18.4
APAC and others	16.4	16.9	15.5	14.4	13.9	12.1	12.0	13.2
Client Metrics								
>US\$20mn	2	4	4	5	4	4	6	6
>US\$10mn	5	6	6	6	6	7	8	9
>US\$5mn	13	15	14	15	18	17	18	19
>US\$1mn	47	47	50	53	54	52	58	59
NRR (%)	116.8	120.6	114.5	113.9	108.5	112.3	113.5	111.7
Top Clients								
Top 10 revenue mix (%)	56.1	54.6	52.6	54.6	55.9	53.1	52.7	51.9
Top 20 revenue mix (%)	73.3	70.6	69.2	72.1	72.2	72.3	70.7	69.2
No. of MWC	114	120	126	113	120	122	127	104
MWC revenue mix (%)	83.4	80.3	80.9	78.8	79.0	80.2	83.3	83.5
Employee Metrics								
No. of employees	4,791	4,755	5,036	5,254	5,298	5,722	5,919	5,868
Attrition (%)	15.0	16.1	15.9	16.3	17.3	15.7	15.0	15.2

Source: Company, PL

Financials

Income Statement (INR mn)

Y/e Mar	FY25	FY26	FY27E	FY28E
Net Revenues	27,654	32,997	38,406	44,909
YoY gr. (%)	25.9	19.3	16.4	16.9
Cost of Goods Sold	14,964	17,549	20,396	23,837
Gross Profit	12,690	15,448	18,010	21,072
Margin (%)	45.9	46.8	46.9	46.9
Employee Cost	1,029	711	576	539
Other Expenses	293	18	19	22
EBITDA	3,499	5,082	6,546	8,070
YoY gr. (%)	376.2	45.3	28.8	23.3
Margin (%)	12.7	15.4	17.0	18.0
Depreciation and Amortization	1,023	1,358	1,651	1,931
EBIT	2,476	3,725	4,894	6,139
Margin (%)	9.0	11.3	12.7	13.7
Net Interest	-	-	-	-
Other Income	(69)	155	517	515
Profit Before Tax	2,110	3,177	4,932	6,295
Margin (%)	7.6	9.6	12.8	14.0
Total Tax	174	199	1,233	1,574
Effective Tax Rate (%)	8.2	6.3	25.0	25.0
Profit After Tax	1,936	2,978	3,699	4,721
Minority Interest	(24)	(54)	(80)	(80)
Share Profit from Associate	-	-	-	-
Adjusted PAT	1,960	3,032	3,779	4,801
YoY gr. (%)	(567.3)	54.7	24.6	27.1
Margin (%)	7.1	9.2	9.8	10.7
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	2,230	2,922	3,779	4,801
YoY gr. (%)	(570.1)	31.0	29.3	27.1
Margin (%)	8.1	8.9	9.8	10.7
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	1,960	3,032	3,779	4,801
Equity Shares O/s (mn)	154	161	172	172
EPS (INR)	12.7	18.8	22.0	27.9

Source: Company, PL

Balance Sheet (INR mn)

Y/e Mar	FY25	FY26	FY27E	FY28E
Non-Current Assets				
Gross Block	6,722	8,587	10,699	12,944
Tangibles	3,709	5,574	7,686	9,931
Intangibles	3,013	3,013	3,013	3,013
Acc: Dep / Amortization	3,434	4,792	6,443	8,374
Tangibles	1,791	3,149	4,800	6,731
Intangibles	1,643	1,643	1,643	1,643
Net Fixed Assets	3,288	3,795	4,256	4,570
Tangibles	1,918	2,425	2,886	3,200
Intangibles	1,370	1,370	1,370	1,370
Capital Work In Progress	137	356	356	356
Goodwill	3,582	3,854	3,854	3,854
Non-Current Investments	4,512	4,180	4,180	4,180
Net Deferred Tax Assets	(127)	531	531	531
Other Non-Current Assets	250	338	338	338
Current Assets				
Investments	5,614	8,741	8,741	8,741
Inventories	-	-	-	-
Trade Receivables	5,848	7,102	7,336	8,560
Cash & Bank Balance	2,883	11,652	14,947	18,831
Other Current Assets	1,862	2,125	2,347	2,739
Total Assets	28,576	44,071	48,341	54,283
Equity				
Equity Share Capital	31	172	172	172
Other Equity	17,501	31,677	35,456	40,257
Total Network	17,532	31,849	35,628	40,429
Non-Current Liabilities				
Long Term Borrowings	2,577	-	-	-
Provisions	188	69	69	69
Other Non Current Liabilities	450	408	408	408
Current Liabilities				
ST Debt / Current of LT Debt	85	2,860	2,860	2,860
Trade Payables	620	1,356	1,467	1,712
Other Current Liabilities	5,042	5,906	6,206	7,022
Total Equity & Liabilities	28,576	44,071	48,341	54,283

Source: Company, PL

Cash Flow (INR mn)

Y/e Mar	FY25	FY26	FY27E	FY28E
PBT	2,380	3,067	5,012	6,375
Add. Depreciation	1,023	1,358	1,651	1,931
Add. Interest	572	462	-	-
Less Financial Other Income	(69)	155	517	515
Add. Other	456	812	(517)	(515)
Op. Profit before WC Changes	4,431	5,699	6,146	7,790
Net Changes-WC	96	(861)	(103)	(683)
Direct Tax	(557)	(748)	(1,233)	(1,574)
Net Cash from Op. Activities	3,970	4,090	4,810	5,534
Capital Expenditures	(828)	(2,187)	(2,112)	(2,245)
Interest / Dividend Income	(156)	(9,406)	517	515
Others	(826)	(2,630)	-	-
Net Cash from Inv. Activities	(1,810)	(14,223)	(1,595)	(1,730)
Issue of Share Cap. / Premium	501	10,785	80	80
Debt Changes	(411)	(595)	-	-
Dividend Paid	-	-	-	-
Interest Paid	(314)	(273)	-	-
Others	-	(539)	-	-
Net Cash from Fin. Activities	(224)	9,378	80	80
Net Change in Cash	1,936	(755)	3,295	3,884
Free Cash Flow	3,142	1,903	2,697	3,289

Source: Company, PL

Quarterly Financials (INR mn)

Y/e Mar	Q1FY26	Q2FY26	Q3FY26	Q4FY26
Net Revenues	7,605	7,985	8,544	8,863
YoY gr. (%)	#DIV/O!	#DIV/O!	20.8	17.0
Raw Material Expenses	4,152	4,295	4,513	4,589
Gross Profit	3,453	3,690	4,031	4,274
Margin (%)	45.4	46.2	47.2	48.2
EBITDA	1,026	970	1,285	1,801
YoY gr. (%)	#DIV/O!	#DIV/O!	45.3	40.7
Margin (%)	13.5	12.1	15.0	20.3
Depreciation / Depletion	300	335	357	366
EBIT	726	635	928	1,436
Margin (%)	9.5	8.0	10.9	16.2
Net Interest	-	-	-	-
Other Income	26	94	(95)	130
Profit before Tax	529	507	647	1,494
Margin (%)	7.0	6.3	7.6	16.9
Total Tax	153	126	(353)	273
Effective Tax Rate (%)	28.9	24.9	(54.6)	18.3
Profit After Tax	376	381	1,000	1,221
Minority Interest	2	(11)	(25)	(20)
Share Profit from Associate	-	-	-	-
Adjusted PAT	374	392	1,025	1,241
YoY gr. (%)	(27.3)	4.6	161.7	21.1
Margin (%)	4.9	4.9	12.0	14.0
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	374	440	1,024	1,304
YoY gr. (%)	(22.3)	17.5	132.9	27.4
Margin (%)	4.9	5.5	12.0	14.7
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	374	392	1,025	1,241
Avg. Shares O/s (mn)	153	160	160	172
EPS (INR)	2.4	2.5	6.4	7.2

Source: Company, PL

Key Financial Metrics

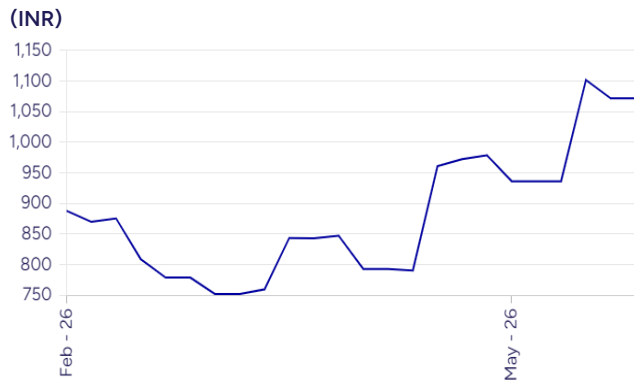
Y/e Mar	FY25	FY26	FY27E	FY28E
Per Share (INR)				
EPS	12.7	18.8	22.0	27.9
CEPS	19.4	27.2	31.6	39.1
BVPS	113.9	197.4	207.2	235.1
FCF	20.4	11.8	15.7	19.1
DPS	-	-	-	-
Return Ratio (%)				
RoCE	12.4	12.7	10.0	11.3
ROIC	10.4	9.5	9.0	9.8
RoE	12.4	12.3	11.2	12.6
Balance Sheet				
Net Debt : Equity (x)	-	-	-	-
Net Working Capital (Days)	74	63	60	56
Valuation (x)				
PER	81.1	55.0	47.0	37.0
P/B	9.0	5.2	4.9	4.3
P/CEPS	53.3	38.0	32.7	26.4
EV/EBITDA	43.8	29.3	23.9	18.9
EV/Sales	5.5	4.5	4.0	3.4
Dividend Yield (%)	-	-	-	-
FCFF Yield (%)	1.9	1.1	1.5	1.8
PEG Ratio	-	1.1	2.7	1.3

Source: Company, PL

Key Operating Metrics

Y/e Mar	FY25	FY26	FY27E	FY28E
Revenue (in US\$ mn)	323	374	413	473

Source: Company, PL

Price Chart

Recommendation History

No.	Date	Rating	TP (INR)	Share Price (INR)
1	01-Apr-26	BUY	1110	798
2	06-Mar-26	BUY	1110	798
3	16-Feb-26	BUY	1260	900

Analyst Coverage Universe

Sr. No.	Company Name	Rating	TP (INR)	Share Price (INR)
1	Coforge	BUY	2020	1169
2	Cyient	BUY	950	780
3	Fractal Analytics	BUY	1110	798
4	HCL Technologies	Reduce	1300	1441
5	Infosys	BUY	1570	1241
6	KPIT Technologies	BUY	880	723
7	L&T Technology Services	Hold	3610	3550
8	Latent View Analytics	BUY	450	261
9	LTM	Hold	4560	4532
10	Mphasis	BUY	3000	2277
11	Persistent Systems	Buy	6400	5330
12	Tata Consultancy Services	BUY	3450	2589
13	Tata Elxsi	HOLD	4800	4651
14	Tata Technologies	HOLD	560	591
15	Tech Mahindra	Buy	1660	1463
16	Wipro	HOLD	200	210

PL's Recommendation Nomenclature (Absolute Performance)

BUY	: > 15%
Accumulate	: 5% to 15%
Hold	: +5% to -5%
Reduce	: -5% to -15%
Sell	: < -15%
Not Rated (NR)	: No specific call on the stock
Under Review (UR)	: Rating likely to change shortly

ANALYST CERTIFICATION

Indian Clients

We/I Mr. Pritesh Thakkar MBA Finance, Mr. Sujay Chavan MMS-Finance Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

US Clients

The research analysts, 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 related to the specific recommendation or views expressed in this research report.

Prabhudas Lilladher Pvt. Ltd.

Corporate Office: 6th Floor, Tower 2B South Annex, One World Centre, 841, Senapati Bapat Marg, Lower Parel, Mumbai - 400013

Registered Office: 3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018

Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209

www.plindia.com

DISCLAIMER

Indian Clients

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd, which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipients particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is a registered with SEBI under the SEBI (Research Analysts) Regulation, 2014 and having registration number INH000000271.

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report.

PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report.

PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Mr. Pritesh Thakkar MBA Finance, Mr. Sujay Chavan MMS-Finance Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest.

PL and its associates, 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 subject company 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 subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors

US Clients

This research report is a product of Prabhudas Lilladher Pvt. Ltd., 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 Prabhudas Lilladher Pvt. Ltd. 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, which is not the Major Institutional Investor.

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, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, 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.