

IT Services

India

Sector View: Neutral

NIFTY-50: 24,836

ERD services-increasing caution on automotive demand

Indian ESPs' revenue growth moderated in 1QFY25 and is lower than our estimate. More signs of weakening demand emerged in the automotive segment. EBIT margins improved marginally at KPIT and TELX, but declined across others sequentially. Cyient (DET) lowered its FY2025E revenue growth outlook, whereas LTTS and KPIT retained their guidance. We maintain SELL on LTTS, KPIT, TELX and TTL on rich valuations, baking in unrealistic long-term growth expectations.

Moderated revenue growth and lower-than-expected revenue growth in 1QFY25

Indian ERD service providers reported decelerating growth trends in the June 2024 quarter. Revenues were lower than our estimates across most companies, while TELX was marginally better. KPIT continued to grow at a robust rate (4.7% qoq), followed by TELX (2.4% qoq). TTL (services), LTTS, HCLT (ERD) and Cyient (DET) reported revenue declines of 1.3-5.0% qoq. EBIT margins improved 60 bps qoq at KPIT and TELX, but declined 30-260 bps qoq at TTL, LTTS and Cyient (DET).

FY2025E outlook cut at Cyient (DET), retained at LTTS and KPIT

Cyient (DET) lowered its FY2025E revenue growth outlook to flat yoy (high single digits earlier). While the near-term growth is likely to be strong, we believe the ask rate of 3.2% CQGR, without a material improvement in demand, remains aggressive. A similar case is LTTS, which retained its revenue growth guidance of 8-10%, implying ~4-5% CQGR over 2QFY25-4QFY25–a tough ask. KPIT also retained its FY2025E outlook of 18-22% growth, achievable assuming limited impact from deterioration in the automotive segment. More on this below.

Increasing caution in automotive R&D

The transportation vertical's revenue growth remained strong across LTTS, TELX and KPIT in 1QFY25 (Exhibit 5). Growth was concentrated, driven by the ramp-up of large deals across companies–Forvia at LTTS, JLR and others at TELX and Japanese OEM engagements for KPIT. Automotive R&D spends were expected to remain at elevated levels in CY2024, as OEMs initially planned to continue their aggressive CASE investments. However, this now appears to be slowing down. Few peers highlighted an abrupt and sharp weakening in demand in the industry, especially in Europe, due to (1) slower-than-anticipated adoption of EVs and (2) rising cost pressures from increasing competition. For instance, Mercedes Benz's R&D spends declined 7% yoy in 1HCY24.

Remain cautious on stretched valuations, amid signs of demand deterioration

We lowered our FY2025-27E earnings estimates across most companies after the 1QFY25 disappointment. Currently, we are not baking in much impact in the automotive segment and could present a further downside in the case of a sharper pullback in some R&D spends by auto OEMs. Other segments such as telecom and hi-tech remain sluggish, which could impact overall revenue growth at LTTS, Cyient (DET) and TELX. We remain cautious about stretched valuations at KPIT, TELX, TTL and LTTS (SELLs). Prefer Cyient (BUY) on reasonable valuations.

Sathishkumar S sathishkumar@kotak.com +91-22-4336-0879 July 29, 2024

A	/				
Quarterly c	-		-	nas	
	1QFY24		3QFY24	4QFY24	1QFY25
C/C revenue g	rowth qoq	(%)			
Cyient (DET)	0.3	1.0	1.1	(0.5)	(5.0)
HCLT (ERD)	(5.2)	5.0	8.7	(1.6)	(3.5)
KPIT	7.1	9.0	4.3	5.1	4.7
LTTS	9.8	3.2	0.9	5.1	(3.1)
TELX	1.2	3.4	3.0	(0.6)	2.4
TATATECH	NA	NA	(0.5)	(1.0)	(1.3)
C/C revenue g	rowth yoy	(%)			
Cyient (DET)	30.6	17.1	5.4	1.8	(3.6)
HCLT (ERD)	(1.8)	(2.0)	3.6	6.4	8.4
KPIT	51.7	51.7	31.5	27.6	24.8
LTTS	17.3	16.0	17.1	20.4	6.1
TELX	11.9	10.1	9.4	7.2	8.4
TATATECH	NA	NA	5.8	(0.5)	(1.9)
EBIT margin (S	%)				
Cyient (DET)	16.1	16.5	16.0	16.0	13.5
HCLT (ERD)	16.8	19.2	21.1	19.7	16.6
KPIT	15.9	16.0	16.6	16.7	17.3
LTTS	17.2	17.1	17.2	16.9	15.6
TELX	27.1	27.1	26.8	25.8	26.4
TATATECH	18.0	14.8	16.2	16.2	15.9

Note:

Tata Technologies services segment revenue growth

Source: Bloomberg, Company data, Kotak Institutional Equities estimates

Prices in this report are based on the market close of July 29, 2024

Related Research

→ ERD services - narratives unravel→ ERD services: Auto pulse - OEM spends

 \rightarrow ERD services - large opportunities and

Full sector coverage on KINSITE

US growth remains sluggish; healthy growth momentum in Europe (ex-Cyient)

Revenue growth in the US has been tepid over the past five quarters (Exhibit 6). Revenues declined yoy at TELX and LTTS, whereas Cyient (DET) and KPIT reported modest growth (Exhibit 4). Automotive vertical-focused companies such as TELX and KPIT have limited presence in the market due to constraints on the addressable TAM and unfavorable terms of engagement.

Sharp yoy margin decline across companies (ex-KPIT)

EBIT margins declined 60-260 bps yoy across TELX, TTL, LTTS and Cyient (DET) (Exhibit 11). Moderating revenue growth and the need to invest in capabilities to expand the range of service offerings to clients have partly resulted in lower profitability. KPIT, on the other hand, continued to benefit from demand tailwinds and pricing benefits, resulting in a 130 bps margin improvement to 17.3%, despite the additional impact of ESOP charges (70 bps).

LTTS deferred its wage hikes by a quarter, effective October 2024, while KPIT announced increments in line with its regular appraisal cycle (starting July 2024), with average wage hikes in high single digits. TELX's junior employees' compensation would be revised from 2QFY25 and that of senior employees from 3QFY25; the average increase would be in the 5-6% range.

Headcount declines sequentially across most companies

Employee headcount declined qoq across Cyient (DET), LTTS, TELX and TTL (Exhibit 10). Headcount growth has decelerated cumulatively for Indian pure-play ERD services companies. These companies have focused on better resource utilization and hiring trainees to optimize cost structures over the past year.

Other highlights

- **Bookings.** Deal win trends were tepid during the quarter. Order intake declined 5% yoy to US\$187 mn at Cyient (DET). At KPIT, deal TCV was up 6% yoy at US\$202 mn and down 21% yoy on ttm basis.
- Attrition. LTM attrition was largely stable at LTTS and TELX sequentially at 14.8% and 12.3%, respectively. KPIT's employee churn remains among the best in the industry at high single digits. Cyient (DET) and TTL reported 110 bps (16%) and 80 bps (13.7%) lower attrition qoq, respectively.

IT Services

	Jun-24	qoq (%)	yoy (%)	Jun-24E	versus est. (%)
Cyient (DET)		1-1(-)	,,,,,,		
Revenues (US\$ mn)	169.6	(5.4)	(4.2)	174.5	(2.8)
Revenues (Rs mn)	14,144	(5.0)	(2.8)	14,554	(2.8)
EBIT (Rs mn)	1,903	(20.2)	(18.5)	2,263	(15.9)
Adj. Net income (Rs mn)	1,414	(18.5)	(17.8)	1,741	(18.8)
EBIT margin (%)	13.5	(260)bps	(260)bps	15.6	(210)bps
KPIT					
Revenues (US\$ mn)	164.9	3.7	23.1	166.4	(0.9)
Revenues (Rs mn)	13,646	3.6	24.3	13,880	(1.7)
EBIT (Rs mn)	2,356	7.0	34.7	2,373	(0.7)
Adj. net income (Rs mn)	1,714	3.4	42.2	1,723	(0.5)
EBIT margin (%)	17.3	60 bps	130 bps	17.1	20 bps
LTTS					
Revenues (US\$ mn)	295.2	(3.2)	5.4	300.6	(1.8)
Revenues (Rs mn)	24,619	(3.0)	7.0	25,073	(1.8)
EBIT (Rs mn)	3,836	(10.4)	(3.0)	3,905	(1.8)
Net income (Rs mn)	3,136	(8.0)	0.8	3,196	(1.9)
EBIT margin (%)	15.6	(130)bps	(160)bps	15.6	-
Tata Elxsi					
Revenues (US\$ mn)	111.0	1.8	7.3	110.1	0.8
Revenues (Rs mn)	9,265	2.3	9.0	9,182	0.9
EBIT (Rs mn)	2,450	4.8	6.5	2,375	3.2
Adj. net income (Rs mn)	2,039	3.5	7.9	1,986	2.7
EBIT margin (%)	26.4	60 bps	(60)bps	25.9	60 bps
Tata Technologies					
Revenues (US\$ mn)	152.1	(2.9)	(0.6)	162.0	(6.1)
Revenues (Rs mn)	12,690	(2.5)	0.9	13,511	(6.1)
EBIT (Rs mn)	2,014	(4.6)	(11.2)	2,243	(10.2)
Net income (Rs mn)	1,620	3.0	(14.9)	1,812	(10.6)
EBIT margin (%)	15.9	(30)bps	(220)bps	16.6	(70)bps

Exhibit 1: June 2024 quarter financial performance of key companies under our coverage

Source: Companies, Kotak Institutional Equities estimates

Significant cut to earnings estimates across most companies over FY2025-27E

Exhibit 2: Estimate revision for companies under coverage after June 2024, March fiscal year-ends, 2025-27E

	New			Earlier			Change(%)	
FY2025E	FY2026E	FY2027E	FY2025E	FY2026E	FY2027E	FY2025E	FY2026E	FY2027E
705	766	828	751	827	910	(6.1)	(7.4)	(9.1)
6,302	7,590	8,288	7,693	8,867	9,571	(18.1)	(14.4)	(13.4)
14.2	15.6	15.8	16.1	16.4	16.6	(190)bps	(80)bps	(80)bps
716	849	988	716	847	983	(0.1)	0.3	0.5
7,779	10,107	12,333	7,448	10,048	12,129	4.4	0.6	1.7
17.6	19.1	19.6	17.2	19.1	19.5	40 bps	_	20 bps
1,241	1,373	1,537	1,257	1,410	1,596	(1.3)	(2.7)	(3.7)
13,668	15,521	17,841	13,627	15,688	18,285	0.3	(1.1)	(2.4)
16.1	16.4	16.7	16.0	16.4	16.8	10 bps	-	(10)bps
474	553	631	469	546	623	1.0	1.3	1.2
8,347	10,165	11,763	8,576	10,316	11,975	(2.7)	(1.5)	(1.8)
26.9	27.2	27.3	26.8	27.3	27.5	10 bps	(20)bps	(30)bps
654	751	844	716	827	930	(8.6)	(9.1)	(9.2)
7,104	8,769	10,094	8,332	10,018	11,505	(14.7)	(12.5)	(12.3)
16.2	17.4	17.8	17.5	18.2	18.5	(140)bps	(80)bps	(70)bps
	705 6,302 14.2 716 7,779 17.6 1,241 13,668 16.1 474 8,347 26.9 654 7,104	FY2025E FY2026E 705 766 705 7,590 14.2 15.6 7779 10,107 7779 10,107 17.6 19.1 13,668 15,521 13,668 15,521 474 553 8,347 10,165 26.9 27.2 474 553 8,347 10,165 26.9 27.2 654 751	FY2025E FY2026E FY2027E 705 766 828 705 766 828 6,302 7,590 8,288 14.2 15.6 15.8 716 849 988 7,779 10,107 12,333 17.6 19.1 19.6 11,241 1,373 1,537 13,668 15,521 17,841 16.1 16.4 16.7 474 553 631 8,347 10,165 11,763 26.9 27.2 27.3 654 751 844 7,104 8,769 10,094	FY2025EFY2026EFY2027EFY2025E7057668287516,3027,5908,2887,69314.215.615.816.17168499887167,77910,10712,3337,44817.619.119.617.213,66815,52117,84113,62713,66815,52117,84113,6274745536314698,34710,16511,7638,57626.927.227.326.87,1048,76910,0948,332	FY2025EFY2026EFY2027EFY2025EFY2026E7057668287518276,3027,5908,2887,6938,86714.215.615.816.116.47168499887168477,77910,10712,3337,44810,04817.619.119.617.219.11,2411,3731,5371,2571,41013,66815,52117,84113,62715,68816.116.416.716.016.44745536314695468,34710,16511,7638,57610,31626.927.227.326.827.36547518447168277,1048,76910,0948,33210,018	FY2025EFY2026EFY2027EFY2025EFY2026EFY2027E7057668287518279106,3027,5908,2887,6938,8679,57114.215.615.816.116.416.67057668499887168479837,77910,10712,3337,44810,04812,12917.619.119.617.219.119.51,2411,3731,5371,2571,4101,59613,66815,52117,84113,62715,68818,28516.116.416.716.016.416.847745536314695466238,34710,16511,7638,57610,31611,97526.927.227.326.827.327.56547518447168279307,1048,76910,0948,33210,01811,505	FY2025EFY2026EFY2027EFY2025EFY2026EFY2027EFY2025E705766828751827910(6.1)6,3027,5908,2887,6938,8679,571(18.1)14.215.615.816.116.416.6(190)bps716849988716847983(0.1)7,77910,10712,3337,44810,04812,1294.417.619.119.617.219.119.540 bps1,2411,3731,5371,2571,4101,596(1.3)13,66815,52117,84113,62715,68818,2850.316.116.416.716.016.416.810 bps47745536314695466231.08,34710,16511,7638,57610,31611,975(2.7)26.927.227.326.827.327.510 bps654751844716827930(8.6)7,1048,76910,0948,33210,01811,505(14.7)	FY2025E FY2026E FY2027E FY2025E FY2026E FY2027E FY2025E FY2027E 705 766 828 751 827 910 (6.1) (7.4) 6,302 7,590 8,288 7,693 8,867 9,571 (18.1) (14.4) 14.2 15.6 15.8 16.1 16.4 16.6 (190)bps (80)bps 716 849 988 716 847 983 (0.1) 0.3 7,779 10,107 12,333 7,448 10,048 12,129 4.4 0.6 17.6 19.1 19.6 17.2 19.1 19.5 40 bps - 1,241 1,373 1,537 1,257 1,410 1,596 (1.3) (2.7) 13,668 15,521 17,841 13,627 15,688 18,285 0.3 (1.1) 16.1 16.4 16.7 16.0 16.4 16.8 10 bps - 474

Source: Companies, Kotak Institutional Equities estimates

Exhibit 3: Revenues by industry verticals, June 2024 (US\$ mn)

	Jun	24 quarter	Growth (US\$,%)	Growth	(c/c,%)
	Revenue	% of revenues	qoq	yoy	qoq	yoy
Cyient DET						
Transporation	49.3	29.1			(7.0)	(8.0)
Connectivity	37.5	22.1			(7.6)	(16.9)
Sustainability	56.2	33.1			(2.8)	8.8
New Growth Areas	26.6	15.7			(1.6)	3.8
KPIT						
Automotive	164.9	100.0	3.7	23.1	4.7	24.8
- Passenger cars	132.0	80.1	5.2	31.3		
- Commercial vehicles	27.9	16.9	0.4	(3.2)		
LTTS						
Mobility	103.9	35.2	6.4	13.5		
Sustainability	88.6	30.0	(3.2)	0.4		
Hi-Tech	102.7	34.8	(11.6)	2.5		
Tata Elxsi						
Transportation	54.5	52.8	4.4	NA	5.3	20.3
Media & Communications	35.6	33.3	0.7	NA	0.5	(3.8)
Healthcare & medical devices	14.9	13.2	(4.9)	NA	(4.3)	(0.5)
Others	1.0	0.7	(21.0)	NA	(17.4)	(5.5)
Tata Technologies						
Transportation	100.4	85.0	(2.9)	(6.6)		
Media & Communications	17.7	15.0	5.3	33.4		

Source: Companies, Kotak Institutional Equities

Tepid growth in US across ERD peers

Exhibit 4: Revenues by geographies, June 2024 (US\$ mn)

	Jun-	-24 quarter	Growth ((US\$,%)
	Revenue	% of revenues	qoq	уоу
Cyient DET				
North America	79.7	47.0	1.7	4.2
EMEA	55.6	32.8	(14.3)	(8.7)
APAC incl India	34.1	20.1	(5.4)	(14.1)
KPIT				
US	46.5	28.2	(1.6)	3.5
Europe	85.0	51.5	3.3	24.8
Asia	33.4	20.3	13.2	59.4
LTTS				
North America	156.2	52.9	(4.7)	(1.3)
Europe	53.4	18.1	10.8	23.9
India	64.9	22.0	(10.2)	12.0
ROW	20.7	7.0	(0.4)	(0.3)
Tata Elxsi				
USA	37.4	33.7	(4.7)	(10.1)
Europe	46.9	42.2	6.6	21.0
India	19.5	17.6	3.6	11.1
RoW	7.2	6.5	5.1	31.6

Source: Companies, Kotak Institutional Equities

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
Transportation													
KPIT	77.2	80.4	83.7	87.1	89.9	94.2	110.5	123.8	133.9	145.2	149.1	159.0	164.9
LTTS	64.2	68.3	71.6	77.3	79.5	85.2	89.0	88.0	91.6	95.6	96.5	97.6	103.9
Tata Elxsi	25.6	28.7	31.2	33.4	34.5	34.6	37.8	39.0	39.8	42.4	43.3	54.5	56.9
Tata Technologies							98.7	105.6	107.4	105.1	103.4	103.4	100.4
Total	167	177	186	198	204	214	336	356	373	388	392	414	426
QoQ revenue growth (%)	3.3	6.2	5.1	6.1	3.1	5.0	nm	6.1	4.6	4.2	1.0	nm	2.8

Source: Companies, Kotak Institutional Equities

Americas revenue growth has remained sluggish over past five quarters; some signs of weakness in Europe in areas such as auto

Exhibit 6: Americas and Europe's revenues trend, June 2021-June 2024 (US\$ mn)

Exhibit 5: Transportation vertical revenues, June 2021-June 2024 (US\$ mn)

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
Americas													
Cyient (DET)	57	66	70	70	70	77	81	81	77	77	79	78	80
KPIT	32	33	30	33	35	35	35	45	45	44	45	47	46
LTTS	128	137	141	145	151	157	155	154	158	159	159	164	156
Tata Elxsi	33	33	36	37	40	41	43	42	42	42	41	39	37
Total	250	269	277	285	296	309	314	321	321	322	323	329	320
YoY revenue growth (%)					18.3	15.1	13.5	12.9	8.5	4.3	2.8	2.2	(0.5)
QoQ revenue growth (%)		7.3	3.1	2.8	3.9	4.5	1.6	2.3	(0.1)	0.4	0.2	1.8	(2.7)
Europe													
Cyient (DET)	34	34	36	32	31	42	55	61	61	60	63	65	56
KPIT	30	32	35	34	36	41	57	61	68	76	79	82	85
LTTS	35	36	37	37	39	39	40	42	43	46	48	48	53
Tata Elxsi	25	27	28	31	31	32	35	36	39	43	44	44	47
Total	124	130	136	134	137	155	186	200	211	224	234	239	241
YoY revenue growth (%)					10.5	19.8	36.8	48.7	53.8	44.5	25.6	19.6	14.3
QoQ revenue growth (%)		4.4	5.2	(1.4)	1.9	13.2	20.2	7.3	5.4	6.3	4.5	2.2	0.7

Source: Companies, Kotak Institutional Equities

5

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
c/c revenue growth qoq (%)													
Cyient (DET)	(0.4)	5.5	4.4	1.6	6.5	12.3	11.9	3.2	0.3	1.0	1.1	(0.5)	(5.0)
KPIT	4.3	4.8	5.6	5.2	6.0	8.3	19.3	8.5	7.1	9.0	4.3	5.1	4.7
LTTS	4.3	6.0	4.2	3.6	4.7	4.5	_	2.2	9.8	3.2	0.9	5.1	(3.1)
Tata Elxsi	6.4	7.4	6.5	7.4	6.5	4.7	3.5	1.6	1.2	3.4	3.0	(0.6)	2.4
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(0.5)	(1.0)	(1.3)
Organic c/c revenue growth c	lod (%)												
Cyient (DET)	(0.4)	5.2	4.1	1.6	(0.4)	3.0	3.7	2.6	(0.2)	1.0	1.1	(0.5)	(5.0)
KPIT	4.3	1.1	5.6	5.2	5.3	8.0	5.9	8.5	5.7	9.0	4.3	5.1	4.7
LTTS	4.3	6.0	4.2	3.6	4.7	4.5	_	2.2	0.7	1.5	0.3	1.1	(3.1)
Tata Elxsi	6.4	7.4	6.5	7.4	6.5	4.7	3.5	1.6	1.2	3.4	3.0	(0.6)	2.4
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(0.5)	(1.0)	(1.3)
US\$ revenue growth qoq (%)													
Cyient (DET)	(0.3)	4.4	3.6	1.2	5.0	10.2	11.1	4.9	0.5	0.7	0.4	0.1	(5.4)
KPIT	3.7	4.1	4.1	4.1	3.2	4.8	17.3	12.0	8.2	8.4	2.7	6.6	3.7
LTTS	4.2	5.7	3.5	3.1	3.2	3.2	0.4	2.9	9.8	2.9	0.9	5.0	(3.2)
Tata Elxsi	6.3	6.2	5.4	6.7	3.5	1.7	4.5	2.5	1.5	3.1	2.9	(0.7)	1.8
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(1.7)	_	(1.7)
Organic US\$ revenue growth	qoq (%)												
Cyient (DET)	(0.3)	4.1	3.3	1.2	(2.0)	0.9	2.9	4.3	0.0	0.7	0.4	0.1	(5.4)
KPIT	3.7	0.4	4.1	4.1	2.5	4.5	3.9	12.0	6.8	8.4	2.7	6.6	3.7
LTTS	4.2	5.7	3.5	3.1	3.2	3.2	0.4	2.9	0.7	1.2	0.3	1.0	(3.2)
Tata Elxsi	6.3	6.2	5.4	6.7	3.5	1.7	4.5	2.5	1.5	3.1	2.9	(0.7)	1.8
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(1.7)	_	(1.7)

Exhibit 7: Sequential organic revenue growth comparison in constant currency and US\$ terms across companies (%), June 2021-June 2024

Source: Companies, Kotak Institutional Equities estimates

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
c/c revenue growth yoy (%)													
Cyient (DET)	1.6	7.7	12.1	11.3	18.7	25.8	34.4	38.4	30.6	17.1	5.4	1.8	(3.6)
KPIT	NA	NA	21.2	21.0	23.0	27.0	44.7	50.0	51.7	51.7	31.5	27.6	24.8
LTTS	18.6	22.3	19.5	19.4	19.9	18.1	13.5	12.1	17.3	16.0	17.1	20.4	6.1
Tata Elxsi	37.4	37.2	32.7	30.9	30.9	27.8	24.4	17.9	11.9	10.1	9.4	7.2	8.4
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8	(0.5)	(1.9)
Organic c/c revenue growth y	oy (%)												
Cyient (DET)	(0.7)	5.1	10.7	10.7	14.7	11.5	10.6	12.0	9.4	7.2	4.6	1.4	(3.6)
KPIT	NA	NA	17.1	17.2	18.5	25.9	28.6	34.5	35.5	36.5	30.0	27.6	24.8
LTTS	16.4	20.1	19.5	19.4	19.9	18.1	13.5	12.1	7.6	4.5	4.8	3.6	6.1
Tata Elxsi	37.4	37.2	32.7	30.9	30.9	27.8	24.4	17.9	11.9	10.1	9.4	7.2	8.4
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8	(0.5)	(1.9)
US\$ revenue growth yoy (%)													
Cyient (DET)	6.3	9.2	12.0	9.2	14.9	21.3	30.1	34.9	29.2	18.1	6.7	1.8	(4.2)
KPIT	18.3	23.0	20.0	16.9	16.4	17.2	32.0	42.1	48.9	54.1	35.0	28.4	23.1
LTTS	20.3	22.1	18.4	17.5	16.4	13.7	10.2	10.0	16.9	16.6	17.2	19.6	5.4
Tata Elxsi	43.3	38.7	31.0	27.0	23.6	18.3	17.3	12.7	10.6	12.1	10.4	7.0	7.3
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	1.2	(2.2)
Organic US\$ revenue growth	/oy (%)												
Cyient (DET)	4.0	6.6	10.6	8.6	10.9	7.0	6.3	8.5	7.9	8.2	5.9	1.4	(4.2)
KPIT	18.3	18.7	15.9	13.1	11.9	16.1	15.9	26.6	32.7	38.9	33.5	28.4	23.1
LTTS	18.1	19.9	18.4	17.5	16.4	13.7	10.2	10.0	7.2	5.1	4.9	2.8	5.4
Tata Elxsi	43.3	38.7	31.0	27.0	23.6	18.3	17.3	12.7	10.6	12.1	10.4	7.0	7.3
Tata Technologies (services)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	1.2	(2.2)

Source: Companies, Kotak Institutional Equities estimates

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-2
Top 5 clients													
Revenue (US\$ mn)													
Cyient (DET)	44.0	41.1	40.7	40.0	44.0	43.7	43.5	47.2	52.4	52.6	53.4	55.6	53.8
LTTS	31.6	34.5	36.6	37.8	38.2	38.7	38.7	39.3	37.9	39.9	43.7	44.8	44.2
Tata Elxsi	30.1	29.4	32.2	34.6	37.4	38.0	38.2	40.6	43.5	47.5	48.1	50.4	52.4
Revenue mix (%)													
Cyient (DET)	36.9	33.0	31.5	30.6	32.1	28.9	25.9	26.8	29.6	29.5	29.8	31.0	31.7
LTTS	15.4	15.8	16.2	16.3	15.9	15.7	15.6	15.4	13.5	13.8	15.0	14.7	15.0
Tata Elxsi	39.8	36.6	38.0	38.3	40.0	39.9	38.4	39.8	42.0	44.5	43.8	46.2	47.2
Revenue growth yoy	(%)												
Cyient (DET)	11.5	3.6	(0.1)	(5.3)	(0.0)	6.2	6.9	18.2	19.1	20.5	22.8	17.7	2.6
LTTS	(6.9)	9.0	22.2	27.7	20.7	12.3	5.7	3.9	(0.8)	3.1	13.1	13.9	16.8
Tata Elxsi	38.2	27.0	24.2	24.6	24.3	29.0	18.6	17.2	16.1	25.1	26.0	24.2	20.6
Revenue growth qoo	(%)												
Cyient (DET)	4.3	(6.6)	(1.1)	(1.7)	10.1	(0.8)	(0.4)	8.6	11.0	0.4	1.5	4.1	(3.3
LTTS	6.7	9.0	6.2	3.5	0.8	1.4	(0.1)	1.7	(3.8)	5.4	9.6	2.5	(1.3
Tata Elxsi	8.4	(2.3)	9.4	7.5	8.1	1.4	0.6	6.2	7.2	9.2	1.3	4.7	4.(
Top 10 clients													
Revenue (US\$ mn)													
Cyient (DET)	58.7	56.8	57.2	55.6	59.8	60.3	60.1	63.6	69.4	69.9	71.3	74.6	72.8
LTTS	52.8	57.2	60.3	62.3	63.1	63.5	64.3	65.8	66.7	69.9	74.1	76.8	77.5
Tata Elxsi	38.5	38.6	39.6	41.8	45.2	45.8	47.7	50.3	53.7	56.8	57.7	60.9	64.4
Revenue mix (%)													
Cyient (DET)	49.2	45.6	44.3	42.6	43.6	39.9	35.8	36.1	39.2	39.2	39.8	41.6	42.9
LTTS	25.7	26.3	26.8	26.8	26.3	25.7	25.9	25.8	23.8	24.3	25.5	25.2	26.3
Tata Elxsi	50.9	48.0	46.7	46.2	48.3	48.1	48.0	49.4	51.9	53.2	52.5	55.9	58.0
Revenue growth yoy	(%)												
Cyient (DET)	12.3	9.7	5.5	(1.2)	1.8	6.1	5.1	14.3	16.1	16.0	18.7	17.3	4.8
LTTS	(6.8)	8.6	20.2	25.7	19.4	11.0	6.7	5.7	5.8	10.1	15.2	16.7	16.2
Tata Elxsi	50.1	31.3	29.6	21.5	17.3	18.6	20.6	20.5	18.8	24.0	20.8	21.1	19.9
Revenue growth qoo	(%)												
Cyient (DET)	4.2	(3.2)	0.7	(2.7)	7.4	0.9	(0.3)	5.8	9.1	0.7	2.0	4.6	(2.5
LTTS	6.7	8.2	5.4	3.3	1.3	0.6	1.3	2.4	1.4	4.8	6.0	3.7	0.9
Tata Elxsi	12.1	0.2	2.5	5.5	8.2	1.2	4.3	5.5	6.7	5.7	1.6	5.7	5.7

Exhibit 9: Top-5 and top-10 clients revenue growth trend (%), June 2021-June 2024

Headcount declined sequentially across most companies; healthy growth at KPIT

Exhibit 10: Headcount trend, June 2021-June 2024

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
Cyient (DET)	11,826	12,035	12,173	12,834	13,581	15,004	14,693	15,172	15,306	15,441	15,678	15,461	15,083
KPIT	6,564	6,732	7,826	8,245	9,183	9,916	10,490	11,013	11,571	11,971	12,727	12,856	13,253
LTTS	16,972	17,983	20,118	20,861	21,433	21,474	21,649	22,233	23,392	23,880	23,298	23,812	23,577
Tata Elxsi	7,914	8,619	9,033	9,376	10,147	11,679	11,607	11,864	12,286	12,871	13,221	13,399	13,142
Tata Technologies							11,081	11,616	11,833	12,451	12,623	12,688	12,505
Total	43,276	45,369	49,150	51,316	54,344	58,073	69,520	71,898	74,388	76,614	77,547	78,216	77,560
QoQ growth (%)													
Cyient (DET)	4.0	1.8	1.1	5.4	5.8	10.5	(2.1)	3.3	0.9	0.9	1.5	(1.4)	(2.4)
KPIT	3.1	2.6	16.3	5.4	11.4	8.0	5.8	5.0	5.1	3.5	6.3	1.0	3.1
LTTS	3.2	6.0	11.9	3.7	2.7	0.2	0.8	2.7	5.2	2.1	(2.4)	2.2	(1.0)
Tata Elxsi	7.5	8.9	4.8	3.8	8.2	15.1	(0.6)	2.2	3.6	4.8	2.7	1.3	(1.9)
Tata Technologies								4.8	1.9	5.2	1.4	0.5	(1.4)
Total	4.2	4.8	8.3	4.4	5.9	6.9	nm	3.4	3.5	3.0	1.2	0.9	(0.8)
YoY growth (%)													
Cyient (DET)		3.4	5.3	12.9	14.8	24.7	20.7	18.2	12.7	2.9	6.7	1.9	(1.5)
KPIT		1.5	27.2	29.5	39.9	47.3	34.0	33.6	26.0	20.7	21.3	16.7	14.5
LTTS		13.1	25.2	26.8	26.3	19.4	7.6	6.6	9.1	11.2	7.6	7.1	0.8
Tata Elxsi		44.9	32.5	27.4	28.2	35.5	28.5	26.5	21.1	10.2	13.9	12.9	7.0
Tata Technologies											13.9	9.2	5.7
Total		13.1	21.1	23.5	25.6	28.0	nm	nm	nm	nm	11.5	8.8	4.3

Source: Companies, Kotak Institutional Equities

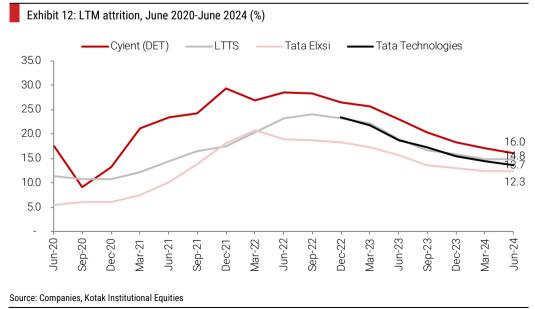
Margin declines across most companies yoy

Exhibit 11: EBIT margin trend, June 2021-June 2024 (%)

	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	qoq (bps)	yoy (bps)
Cyient (DET)	14.6	15.5	15.6	15.4	12.8	12.5	13.9	15.1	16.1	16.5	16.0	16.0	13.5	(260)	(260)
KPIT	12.2	12.7	13.5	13.9	14.9	14.2	14.1	14.9	15.9	16.0	16.6	16.7	17.3	60	130
LTTS	17.3	18.4	18.6	18.6	18.3	18.2	18.7	18.7	17.2	17.1	17.2	16.9	15.6	(130)	(160)
Tata Elxsi	24.7	28.6	31.0	30.1	30.6	26.8	27.6	27.3	27.1	27.1	26.8	25.8	26.4	60	(60)
Tata Technologies	NA	NA	NA	NA	NA	NA	16.2	15.5	18.0	14.8	16.2	16.2	15.9	(30)	(220)

Source: Companies, Kotak Institutional Equities

Attrition moderated at TTL and Cyient (DET) sequentially and remained stable at LTTS and TELX



8

Exhibit 13: Valuation summary of ERD companies under coverage

	29-Jul-24		M	t cap.	I	EPS (Rs)			P/E (X)		EV/	EBITDA (X	.)		RoE (%)	
Company	Price (Rs)	Rating	(Rs mn)	(US\$ mn)	2024	2025E	2026E	2024	2025E	2026E	2024	2025E	2026E	2024	2025E	2026E
Cyient	1,746	BUY	193,698	2,313	66.3	65.7	79.3	26.3	26.6	22.0	14.4	14.9	12.4	18.3	15.4	17.1
KPIT Technologies	1,800	SELL	493,322	5,891	21.3	28.5	37.0	84.5	63.2	48.6	48.9	38.4	30.0	30.4	31.4	31.9
L&T Technology Services	5,201	SELL	550,365	6,573	123.5	129.5	147.0	42.1	40.2	35.4	27.2	26.4	23.4	25.4	24.0	23.9
Tata Elxsi	6,930	SELL	431,588	5,154	127.2	137.2	163.2	54.5	50.5	42.5	39.8	35.3	29.7	34.5	32.1	33.8
Tata Technologies	1,001	SELL	405,871	4,847	17.0	17.5	21.6	58.7	57.1	46.3	42.0	39.1	31.6	22.3	20.9	23.1
		Target	0/S shares	EPS CAGR (%)	EPS	growth (%)	Net Profit (Rs mn)		EBITDA (Rs mn)			Sales (Rs mn)			
Company		Price (Rs)	(mn)	2024-26E	2024	2025E	2026E	2024	2025E	2026E	2024	2025E	2026E	2024	2025E	2026E
Cyient		2,050	111	9.4	28.6	(0.9)	20.7	7,349	7,282	8,791	13,029	12,446	14,768	71,473	74,878	85,437
KPIT Technologies		1,150	273	31.9	51.9	33.8	29.9	5,811	7,779	10,107	9,913	12,579	15,877	48,715	59,553	71,533
L&T Technology Services		4,400	106	9.1	11.4	4.8	13.6	13,036	13,668	15,521	19,189	19,505	21,816	96,472	103,443	115,665
Lat rechnology services				10.0	4.9	7.8	19.0	7,924	8,544	10,165	10,466	11,726	13,851	35,521	39,496	46,574
Tata Elxsi		5,500	62	13.3	4.9	7.0	19.0	1,521	0,011	10,100	10,100	11,720	10,001	00,021	39,490	40,074

Source: Bloomberg, Kotak Institutional Equities estimates

"Each of the analysts named below hereby certifies that, with respect to each subject company and its securities for which the analyst is responsible in this report, (1) all of the views expressed in this report accurately reflect his or her personal views about the subject companies and securities, and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report: Kawaljeet Saluja, Vamshi Krishna, Sathishkumar S."

Ratings and other definitions/identifiers

Definitions of ratings

BUY. We expect this stock to deliver more than 15% returns over the next 12 months.

ADD. We expect this stock to deliver 5-15% returns over the next 12 months.

REDUCE. We expect this stock to deliver -5-+5% returns over the next 12 months.

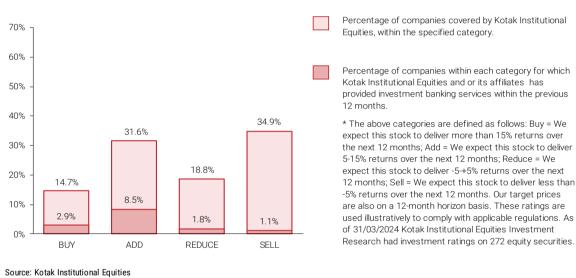
SELL. We expect this stock to deliver <-5% returns over the next 12 months.

Our Fair Value estimates are also on a 12-month horizon basis.

Our Ratings System does not take into account short-term volatility in stock prices related to movements in the market. Hence, a particular Rating may not strictly be in accordance with the Rating System at all times.

Distribution of ratings/investment banking relationships

Kotak Institutional Equities Research coverage universe



As of June 30, 2024

Coverage view

The coverage view represents each analyst's overall fundamental outlook on the Sector. The coverage view will consist of one of the following designations: Attractive, Neutral, Cautious.

Other ratings/identifiers

NR = Not Rated. The investment rating and fair value, if any, have been suspended temporarily. Such suspension is in compliance with applicable regulation(s) and/or Kotak Securities policies in circumstances when Kotak Securities or its affiliates is acting in an advisory capacity in a merger or strategic transaction involving this company and in certain other circumstances.

CS = Coverage Suspended. Kotak Securities has suspended coverage of this company.

NC = Not Covered. Kotak Securities does not cover this company.

RS = Rating Suspended. Kotak Securities Research has suspended the investment rating and fair value, if any, for this stock, because there is not a sufficient fundamental basis for determining an investment rating or fair value. The previous investment rating and fair value, if any, are no longer in effect for this stock and should not be relied upon.

NA = Not Available or Not Applicable. The information is not available for display or is not applicable.

NM = Not Meaningful. The information is not meaningful and is therefore excluded.

Corporate Office

Kotak Securities Ltd. 27 BKC, Plot No. C-27, "G Block" Bandra Kurla Complex, Bandra (E) Mumbai 400 051, India Tel: +91-22-43360000

Overseas Affiliates

Kotak Mahindra (UK) Ltd 8th Floor, Portsoken House 155-157 Minories, London EC3N 1LS Tel: +44-20-7977-6900

Kotak Mahindra Inc PENN 1,1 Pennsylvania Plaza, Suite 1720, New York, NY 10119, USA Tel: +1-212-600-8858

Copyright 2024 Kotak Institutional Equities (Kotak Securities Limited). All rights reserved.

The Kotak Institutional Equities research report is solely a product of Kotak Securities Limited and may be used for general information only. The legal entity preparing this research report is not registered as a broker-dealer in the United States and, therefore, is not subject to US rules regarding the preparation of research reports and/or the independence of research analysts.

- 1. Note that the research analysts contributing to this report are residents outside the United States and are not associates, employees, registered or qualified as research analysts with FINRA or a US-regulated broker dealer; and
- 2. Such research analysts may not be associated persons of Kotak Mahindra Inc. and therefore, may not be subject to FINRA Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst.
- Kotak Mahindra Inc. does not accept or receive any compensation of any kind directly from US institutional investors for the dissemination of the Kotak Securities Limited research reports. However, Kotak Securities Limited has entered into an agreement with Kotak Mahindra Inc. which includes payment for sourcing new major US institutional investors and service existing clients based out of the US.
 In the United States, this research report is available solely for distribution to major US institutional investors, as defined in Rule 15a 6 under the Securities Exchange Act of 1934. This research report is distributed in the United States by Kotak Mahindra Inc., a US-registered broker-dealer, accepts responsibility for this research report and its dissemination in the United States.
- 5. This Kotak Securities Limited research report is not intended for any other persons in the United States. All major US institutional investors or persons outside the United States, having received this Kotak Securities Limited research report shall neither distribute the original nor a copy to any other person in the United States. Any US recipient of the research who wishes to effect a transaction in any security covered by the report should do so with or through Kotak Mahindra Inc. Please contact a US-registered representative; Vinay Goenka, Kotak Mahindra Inc., PENN 1,1 Pennsylvania Plaza, Suite 1720, New York, NY 10119, Direct +1 212 600 8858, vinay.goenka@kotak.com.
- 6. This document does not constitute an offer of, or an invitation by or on behalf of Kotak Securities Limited or its affiliates or any other company to any person, to by or sell any security. The information contained herein has been obtained from published information and other sources, which Kotak Securities Limited or its affiliates consider to be reliable. None of Kotak Securities Limited accepts any liability or responsibility whatsoever for the accuracy or completeness of any such information. All estimates, expressions of opinion and other subjective judgments contained herein are made as of the date of this document. Emerging securities markets may be subject to risks significantly higher than more established markets. In particular, the political and economic environment, company to any bealt or significantly and quality. By accepting this document, you agree to be bound by all the foregoing provisions.

This report is distributed in Singapore by Kotak Mahindra (UK) Limited (Singapore Branch) to institutional investors, accredited investors or expert investors only as defined under the Securities and Futures Act. Recipients of this analysis /report are to contact Kotak Mahindra (UK) Limited (Singapore Branch) (16 Raffles Quay, #35-02/03, Hong Leong Building, Singapore 048581) in respect of any matters arising from, or in connection with, this analysis/report. Kotak Mahindra (UK) Limited (Singapore Branch) (16 Raffles Quay, #35-02/03, Hong Leong Building, Singapore 048581) in respect of any matters arising from, or in connection with, this analysis/report. Kotak Mahindra (UK) Limited (Singapore Branch) is regulated by the Monetary Authority of Singapore.

(UK) Limited (Singapore Branch) is regulated by the Monetary Authority of Singapore. Kotak Securities Limited and its affiliates are fault-service, integrated investment banking, investment management, brokerage and financing group. We along with our affiliates are leading underwriter of securities and participants in virtually all securities trading markets in India. We and our affiliates have investment banking and other business relationships with a significant percentage of the companies covered by our Investment Research Department. Our research professionals provide important input into our investment banking and other business relationships with a significant percentage of the companies covered by our Investment Beek investment banking or other business relationships with a significant percentage of the companies covered by our Investment Deaking or other business from the company or companies that are the subject of this material. Our research professionals are paid in part based on the profitability of Kotak Securities Limited whole hincludes earnings from investment banking and other businesses. Kotak Securities Limited generally prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, Kotak Securities Limited generally prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover. Our salespeople, traders, and other investment decisions that are inconsistent with the recommendations expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations 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. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

or companies that are the subject of this material is provided herein. This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. We are not soliciting any action based on this material. It is for the general information of clients of Kotak Securities Limited. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. Kotak Securities Limited does not provide tax advise to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment. Certain transactions – including those involving futures, options, and other derivatives as well as non-investment-grade securities – give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavor to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so. We and our affiliates, officers, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as prin position in, but principal in, and but of second se

Kotak Securities Limited established in 1994, is a subsidiary of Kotak Mahindra Bank Limited.

Kotak Securities Limited is a corporate trading and clearing member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), Metropolitan Stock Exchange of India Limited (MSE), National Commodity and Derivatives Exchange (NCDEX) and Multi Commodity Exchange (MCX). Our businesses include stock broking, services rendered in connection with distribution of primary market issues and financial products like mutual funds and fixed deposits, depository services and portfolio management.

Kotak Securities Limited is also a Depository Participant with National Securities Depository Limited (NSDL) and Central Depository Services (India) Limited (CDSL). Kotak Securities Limited is also registered with Insurance Regulatory and

Notan securities Limited is also a Depusitory randicipant with National securities bepository Limited (NSUL) and Central Depository Services (india) Limited (CUSL). Kotak Securities Limited is also registered with Insurance Regulatory and Central Depository Services (india) Limited (CUSL). Kotak Securities Limited is also registered with Insurance Regulatory and Central Depository Services (india) Limited (CUSL). Kotak Securities Limited is also registered with Insurance Regulatory and Central Depository Services (india) Limited (CUSL). Kotak Securities Limited and is also a Mutual Fund Advisor registered with Association of Mutual Funds in India (AMFI). Kotak Securities Limited is registered as a Research Analyst under SEBI (Research Analyst) Regulations, 2014. We hereby declare that our activities were neither suspended nor we have defaulted with any stock exchange authority with whom we are registered in last five years. However, SEBI, Exchanges and Depositories have conducted the routine inspection and based on their observations have issued advise letters or levied minor penalty on KSL for certain operational deviations. We have not been debarred from doing business by any stock exchange/SEBI or any other authorities, nor has our certificate of registration been cancelled by SEBI at any point of time.

We offer our research services to primarily institutional investors and their employees, directors, fund managers, advisors who are registered with us. Details of Associates are available on website, i.e. www.kotak.com and https://www.kotak.com/en/investor-relations/governance/subsidiaries.html.

Research Analyst has served as an officer, director or employee of subject company(ies): No.

We or our associates may have received compensation from the subject company(ies) in the past 12 months. We or our associates have managed or co-managed public offering of securities for the subject company(ies) or acted as a market maker in the financial instruments of the subject company/company (ies) discussed herein in the past 12 months. YES. Visit our website for more details https://kie.kotak.com.

We or our associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. We or our associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. We or our associates may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.

Our associates may have financial interest in the subject company(ies).

Research Analyst or his/her relative's financial interest in the subject company(ies): No

Kotak Securities Limited has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of Research Report; YES. Nature of Financial interest: Holding equity shares or derivatives of the subject company.

Our associates may have actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.

Research Analyst or his/her relatives have actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No.

Kotak Securities Limited has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No

Subject company(ies) may have been client during twelve months preceding the date of distribution of the research report.

A graph of daily closing prices of securities is available at https://www.moneycontrol.com/india/stockpricequote/ and http://economictimes.indiatimes.com/markets/stocks/stock-quotes. (Choose a company from the list on the browser and select the "three years" icon in the price chart).

First Cut notes published on this site are for information purposes only. They represent early notations and responses by analysts to recent events. Data in the notes may not have been verified by us and investors should not act upon any data or views in these notes. Most First Cut notes, but not necessarily all, will be followed by final research reports on the subject.

There could be variance between the First Cut note and the final research note on any subject, in which case the contents of the final research note would prevail. We accept no liability of the First Cut Notes. Analyst Certification

The analyst(s) authoring this research report hereby certifies that the views expressed in this research report accurately reflect such research analyst's personal views about the subject securities and issuers and that no part of his or her compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report.

This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of Firm. Firm Research is disseminated and available primarily electronically, and, in some cases, in printed form.

Additional information on recommended securities is available on request. Our research should not be considered as an advertisement or advice, professional or otherwise. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and the like and take professional advice before investing.

Investments in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

For more information related to investments in the securities market, please visit the SEBI Investor Website https://investor.sebi.gov.in/ and the SEBI Saa₹thi Mobile App.

Derivatives are a sophisticated investment device. The investor is requested to take into consideration all the risk factors before actually trading in derivative contracts. Compliance Officer Details: Mr. Hiren Thakkar. Call: 022 - 4285 8484, or Email: ks.compliance@kotak.com

Kotak Securities Limited. Registered Office: 27 BKC, C 27, G Block, Bandra Kurla Complex, Bandra (E), Mumbai 400051. CIN: U99999MH1994PLC134051, Telephone No.: +22 43360000, Fax No.: +22 67132430. Website: www.kotak.com / www.kotaksecurities.com. Correspondence Address: Infinity IT Park, Bldg. No 21, Opp. Film City Road, A K Vaidya Marg, Malad (East), Mumbai 400097. Telephone No.: 42856825. SEBI Registration No: INZ000200137(Member of NSE, BSE, MSE, MCX & NCDEX), AMFI ARN 0164, PMS INP000000258 and Research Analyst INH000000586. NSDL/CDSL: IN-DP-629-2021. Compliance Officer Details: Mr. Hiren Thakkar. Call: 022 - 4285 8484, or Email: <u>ks.compliance@kotak.com</u>

Details of	Contact Person	Address	Contact No.	Email ID
Customer Care/ Complaints	Mr. Ritesh Shah	Kotak Towers, 8th Floor, Building No.21, Infinity	18002099393	ks.escalation@kotak.com
Head of Customer Care	Mr. Tabrez Anwar	Park, Off Western Express Highway, Malad (East),	022-42858208	ks.servicehead@kotak.com
Compliance Officer	Mr. Hiren Thakkar	Mumbai, Maharashtra - 400097	022-42858484	ks.compliance@kotak.com
CEO	Mr. Shripal Shah		022-42858301	ceo.ks@kotak.com

In absence of response/complaint not addressed to your satisfaction, you may lodge a complaint with SEBI at SEBI, NSE, BSE, Investor Service Center | NCDEX, MCX. Please quote your Service Ticket/Complaint Ref No. while raising your complaint at SEBI SCORES/Exchange portal at https://scores.sebi.gov.in, Kindly refer https://www.kotaksecurities.com/contact-us/ and for online dispute Resolution platform - Smart ODR