institutional equities

COMPANY UPDATE

KEY DATA

Rating	REDUCE
Sector relative	Underperformer
Price (INR)	718
12 month price target (INR)	670
52 Week High/Low	1,179/536
Market cap (INR bn/USD bn)	2,643/30.8
Free float (%)	53.0
Avg. daily value traded (INR mn)	11,366.2

SHAREHOLDING PATTERN

	Mar-25	Dec-24	Sep-24
Promoter	42.58%	42.58%	42.58%
FII	17.84%	18.66%	20.54%
DII	16.88%	16.54%	16.08%
Pledge	0.00%	0.00%	0.00%

FINANCIALS (INR mn) Year to March FY24A FY25A FY26E Revenue 4,340,160 4,396,950 4,286,142 4,634,788 **EBITDA** 578.240 552.160 511.016 583.476 220.488 Adjusted profit 323.530 274.580 187.595 Diluted EPS (INR) 84.4 59.9 74.6 51.0 4,307.2 (31.7) 17.5 EPS growth (%) (11.6)48.2 27.7 RoAE (%) 15.1 15.5 8.4 9.5 13.9 11.9 P/E (x) EV/EBITDA (x) 6.1 5.9 6.2 5.2 Dividend yield (%) 0.8 1.0

PRICE PERFORMANCE



Targeting higher domestic market share

We attended TTMT India's Analyst day. Highlights: i) Single-digit growth likely in domestic CV, PV segments in FY26. ii) CV market share aimed at 40% in FY27 versus 36% in FY25, led by launches and recovery in SCV share. iii) PV market share aimed at 16% in FY27 versus 13% in FY25, led by launches and recovery in cars' share. iv) In domestic PVs, seven new products are planned by FY30, including Sierra, Avinya range, two new ICEs two new EVs. v) In FY27, India CV FCF likely at 7-9% of sales, PV (ICE) FCF at ~INR10bn and PV (EV) FCF to be negative.

We reckon JLR sales shall moderate ahead, due to challenging demand conditions in the US and China markets. Furthermore, considering the subdued India CV outlook, we retain 'REDUCE' with a TP of INR670.

India CV: Aiming for 40% market share

Management is expecting single-digit growth in CVs in FY26, led by growth in enduser segments, pickup in execution of infra projects and robust demand for buses. The domestic CV share target is to expand from 36% in FY25 to 40% in FY27, led by launches, increased customer focus with better TCO/value added services and recovery in SCV share. SCV share, which is at 29% in FY25, is targeted to improve on the back of ACE Pro launch, intra model repositioning and providing better finance access to first-time/rental customers. Furthermore, exports are likely to grow in double digits, led by improving penetration in markets such as North Africa, ASEAN, Latin America and Eastern Europe regions. Meanwhile, the FY27 target is to improve EBITDA margin to teens (versus 11.8% in FY25) and FCF to 7-9% of revenue.

India PV: Seven new products planned by FY30

Management is expecting the sales uptrend to persist with single-digit growth. The domestic PV share target is to expand from 13% in FY25 to 16% in FY27 and 18-20% in another two-three years, led by launches, and recovery in cars' share. Market share in cars, which is at 9% in FY25, is targeted to improve on the back of refreshes of Altroz and Tiago. The plan is to expand the number of PV nameplates to 15 by FY30, led by seven new products, including Sierra, Avinya range, two new ICE and two new EV models. Furthermore, the PV (ICE) margin is targeted to reach double digits and FCF to be positive at ~INR10bn. In comparison, the PV (EV) margin is likely to be positive while FCF to remain negative at least for three years.

JLR and India CV volume growth to moderate going ahead

We are building in a subdued 3% revenue CAGR over FY25-27E, owing to volume decrease at JLR (3% CAGR) and muted growth in the India CV (2% CAGR) division. In JLR, discontinuance of 'Jaguar' models, loss of market share in the China region and imposition of tariffs in the US region, shall lead to a volume contraction ahead. Furthermore, we reckon a muted performance in the India CV division owing to reasonable utilisation levels with transporters, increasing competition from Railways and a high base. A muted demand outlook and increasing marketing/sales promotion spends would lead to a muted 3% EBITDA CAGR over FY25-27E.

Financial Statements

Income Statement (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Total operating income	4,340,160	4,396,950	4,286,142	4,634,788
Gross profit	1,612,610	1,679,090	1,645,878	1,784,393
Employee costs	419,900	477,670	484,334	509,827
Other expenses	614,470	649,260	650,528	691,091
EBITDA	578,240	552,160	511,016	583,476
Depreciation	272,390	232,560	257,312	292,010
Less: Interest expense	75,940	50,830	51,798	45,693
Add: Other income	56,920	62,440	63,689	63,689
Profit before tax	293,830	334,080	267,157	311,623
Prov for tax	(40,240)	105,020	76,372	87,945
Less: Other adj	(16,000)	52,430	0	0
Reported profit	313,990	278,300	187,595	220,488
Less: Excp.item (net)	0	0	0	0
Adjusted profit	323,530	274,580	187,595	220,488
Diluted shares o/s	3,833	3,680	3,680	3,680
Adjusted diluted EPS	84.4	74.6	51.0	59.9
DPS (INR)	6.0	6.0	6.8	6.9
Tax rate (%)	13.7	31.4	28.6	28.2

Important Ratios (%)							
Year to March	FY24A	FY25A	FY26E	FY27E			
Gross profit margin (%)	37.2	38.2	38.4	38.5			
Staff cost % sales	9.7	10.9	11.3	11.0			
Other expenses % sales	14.2	14.8	15.2	14.9			
EBITDA margin (%)	13.3	12.6	11.9	12.6			
Net profit margin (%)	7.5	6.2	4.4	4.8			
Revenue growth (% YoY)	25.5	1.3	(2.5)	8.1			
EBITDA growth (% YoY)	81.7	(4.5)	(7.5)	14.2			
Adj. profit growth (%)	4,310.0	(15.1)	(31.7)	17.5			

Assumptions

Year to March	FY24A	FY25A	FY26E	FY27E
JLR (ex CJLR) Vol (units in 000s)	401.3	400.9	356.3	375.7
JLR Growth (%)	24.9	(0.1)	(11.1)	5.5
India CV Vol (units in 000s)	396.0	376.9	385.2	390.4
India CV Growth (%)	(4.2)	(4.8)	2.2	1.4
India PV Vol (units in 000s)	573.5	556.3	595.3	625.7
India PV Growth (%)	4.9	(3.0)	7.0	5.1

Valuation Metrics

Year to March	FY24A	FY25A	FY26E	FY27E
Diluted P/E (x)	8.4	9.5	13.9	11.9
Price/BV (x)	3.2	2.2	2.0	1.7
EV/EBITDA (x)	6.1	5.9	6.2	5.2
Dividend yield (%)	0.8	0.8	1.0	1.0

Source: Company and Nuvama estimates

Balance Sheet (INR mn)

,			
FY24A	FY25A	FY26E	FY27E
7,665	7,360	7,360	7,360
841,515	1,154,080	1,316,669	1,511,808
849,180	1,161,440	1,324,029	1,519,168
81,759	66,100	69,290	72,480
1,291,172	931,161	795,441	727,653
1,169,542	1,221,909	1,119,530	1,185,199
183,996	334,050	333,027	351,518
3,575,649	3,714,660	3,641,318	3,856,019
647,611	563,464	664,365	720,783
565,244	593,506	623,182	654,341
356,984	658,060	550,805	558,018
1,569,839	1,815,030	1,838,351	1,933,142
229,711	356,560	346,560	336,560
458,067	408,340	350,273	390,208
169,518	132,480	129,141	139,646
478,384	216,640	211,180	228,358
670,131	785,610	765,812	828,105
3,575,649	3,714,660	3,641,318	3,856,019
	7,665 841,515 849,180 81,759 1,291,172 1,169,542 183,996 3,575,649 647,611 565,244 356,984 1,569,839 229,711 458,067 169,518 478,384 670,131	7,665 7,360 841,515 1,154,080 849,180 1,161,440 81,759 66,100 1,291,172 931,161 1,169,542 1,221,909 183,996 334,050 3,575,649 3,714,660 647,611 563,464 565,244 593,506 356,984 658,060 1,569,839 1,815,030 229,711 356,560 458,067 408,340 169,518 132,480 478,384 216,640 670,131 785,610	7,665 7,360 7,360 841,515 1,154,080 1,316,669 849,180 1,161,440 1,324,029 81,759 66,100 69,290 1,291,172 931,161 795,441 1,169,542 1,221,909 1,119,530 183,996 334,050 333,027 3,575,649 3,714,660 3,641,318 647,611 563,464 664,365 565,244 593,506 623,182 356,984 658,060 550,805 1,569,839 1,815,030 1,838,351 229,711 356,560 346,560 458,067 408,340 350,273 169,518 132,480 129,141 478,384 216,640 211,180 670,131 785,610 765,812

Free Cash Flow (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Reported profit	261,150	219,050	203,468	247,934
Add: Depreciation	272,701	232,560	257,312	292,010
Interest (net of tax)	73,772	26,100	51,798	45,693
Others	(13,478)	49,220	0	0
Less: Changes in WC	73,252	81,560	(79,059)	(7,706)
Operating cash flow	622,234	568,580	358,475	491,532
Less: Capex	(311,825)	(370,680)	(280,633)	(386,800)
Free cash flow	310,408	197,900	77,842	104,732

Key Ratios

1101				
Year to March	FY24A	FY25A	FY26E	FY27E
RoE (%)	48.2	27.7	15.1	15.5
RoCE (%)	17.1	17.4	14.6	15.8
Inventory days	59	64	65	61
Receivable days	14	13	11	11
Payable days	150	161	162	148
Working cap (% sales)	(3.6)	(10.8)	(9.3)	(8.5)
Gross debt/equity (x)	1.4	0.8	0.6	0.5
Net debt/equity (x)	0.7	0.2	0.1	0.1
Interest coverage (x)	4.0	6.3	4.9	6.4

Valuation Drivers

Year to March	FY24A	FY25A	FY26E	FY27E
EPS growth (%)	4,307.2	(11.6)	(31.7)	17.5
RoE (%)	48.2	27.7	15.1	15.5
EBITDA growth (%)	81.7	(4.5)	(7.5)	14.2
Payout ratio (%)	7.3	7.9	13.3	11.5

Analyst Meet: Key takeaways

India CV

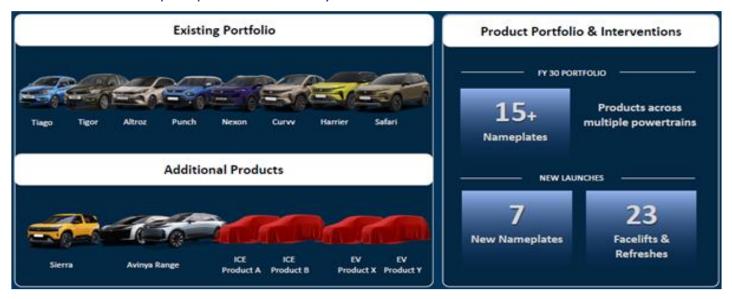
- Industry outlook: The CV industry is expected to grow at a modest CAGR of 3–5% over FY25–30E. Currently, 62% of overall transport demand is met through roadways, and this road transport demand is projected to grow at a CAGR of 5–7% over the next five years.
- **FY27E guidance:** Management is targeting a 40% market share. EBITDA margin is expected to be in teens, with capex planned at 2–4% of revenue. FCF is projected at 7–9% of revenue, alongside sustained high ROCE.
- International business: Tata Motors currently operates in the SAARC, Africa, and Middle East regions, which together represent ~2% of the global truck and bus market (excluding India). The company aims to reinforce its leadership in SAARC and Sub-Saharan Africa regions while expanding its portfolio and presence in the Middle East and North Africa regions. It is also exploring new opportunities in ASEAN, Latin America, and Central and Eastern Europe—markets that account for ~18% of the global truck and bus market (excluding India), valued at ~USD59bn in FY24.
- Buses and Vans: The company is optimistic, given the significant growth
 potential in India, where bus penetration stands at 1.2 per 1,000 people
 compared with 2.1 in China and 2.5 in Russia. Furthermore, growth is likely to be
 driven by urbanizations, rising demand from STUs, increased intercity travel, and
 accelerating electrification.
- Small commercial vehicle (SCV): To support sales in FY26, Tata has enhanced the
 ACE platform's competitiveness by increasing the rated payload to 1.1 MT,
 launching the ACE CNG bi-fuel variant, and improving efficiency in the ACE diesel
 model.
- New products: i) The company will launch the ACE Pro series in Jun-25 across
 petrol, bi-fuel, and EV powertrains. It will offer best-in-class safety, comfort, and
 industry-leading payload and range, positioned between the 3W segment and
 the existing ACE model. iii) The Intra EV is also set to be launched, featuring a
 payload capacity of 1.5T.
- Western Dedicated Freight Corridor (DFC): DFC handles containerised freight.
 As more container traffic shifts to the DFC, this is likely to have an impact on the above 40-tonne tractor trailer market.
- AC cabin regulation: The AC regulation has been implemented on June 8, 2025. Entire truck portfolio has been upgraded to meet the regulation.

India PV

- Outlook: Management expects volume growth to outpace the market, targeting
 a market share (including EVs) of 16% by FY27E and 18–20% over the next two
 to three years. FY26E is anticipated to be better for Tata, supported by the revival
 of the company's hatchback portfolio with the refresh models of *Tiago* and
 Altroz. In EVs, Tata aims to maintain its leadership, with EVs projected to
 comprise 20% of company's total volumes by FY27E and over 30% by FY30E.
- FY26E guidance: EBITDA The ICE business is likely to deliver double-digit EBITDA margins while the EV business is projected to continue being EBITDA-positive (including PLI benefits) and improve further. FCF from the ICE segment is estimated at INR10bn-plus, whereas the EV segment is likely to remain FCF-negative.

- P.A.C.E. (Profitability and Cost Excellence) marks Tata Motors' shift to a deeper and structural cost reduction strategy targeting 5–6% savings through engineering, supply chain localisation, strategic sourcing and in-house manufacturing.
- New products: Tata Motors plans to have over 15 models in its portfolio by FY30E, including seven new nameplates and 23 product refreshes. The new nameplates will include the *Sierra* and two models under the *Avinya* brand, along with two ICE and two EV models. The *Harrier EV* was recently launched, *Sierra* is scheduled for launch in H2FY26 and first model under *Avinya* to be launched by FY26 end.

Exhibit 1: Seven new nameplates planned over next five years



Source: Company, Nuvama Research

• CAFE norms: Under the current Phase II CAFE norms, the CO₂ emission limit is set at 113g/km, with an EV share requirement of <2% in the product portfolio. The proposed Phase III will tighten the carbon dioxide (CO₂) limit to 77g/km and mandate 10−12% EV penetration, necessitating a significant industry-wide shift toward electric powertrains.

Exhibit 2: Higher EV sales need to meet CAFE Phase III norms



Source: Company, Nuvama Research

- EV: Tata Motors' market share in the E-PV segment came in at 55%, down from 87% in FY22. Key headwinds in FY25 included the expiry of FAME II incentives for fleet EVs and subdued growth in H1FY25.
- Charging infrastructure: In FY26, Tata Motors plans to expand its TATA.ev charging network with 300 mega chargers across 40-plus key mobility corridors, covering 100-plus cities and 20-plus states.
- **EV touchpoints:** The company has established a pan-India EV sales and service network, spanning over 230 cities with more than 1,100 touchpoints, including seven exclusive EV stores.
- PLI: Tiago, Tigor, and Punch models are eligible under the PLI scheme. The company received INR1bn in FY24, and INR2.5bn has accrued for FY25. Nexon and Harrier are likely to receive PLI certification in FY26. Tata anticipates PLI benefits of ~INR7bn in FY26E and INR10bn in FY27E, led by the new EV launches.
- **CNG:** In FY25, CNG vehicle volumes jumped 53% YoY to ~139,000 units, driven by the launch of the Nexon CNG and rising demand for the twin-cylinder range.
- After-sales: The company has strengthened its after-sales service through network expansion, tech integration, and enhanced roadside assistance. This led to an 18% drop in customer complaints and a 25% reduction in repeat visits. Furthermore, ~85% of cars serviced monthly are returned the same day.
- Capex and Investments: Total investment over the next five years is estimated at INR330–350bn, focused on innovative new products, software-defined vehicles, advanced technologies, and powertrains.

Others

 Demerger: The appointed date for the demerger of the CV undertaking and amalgamation of TMPVL into TML is July 1^s, 2025. The demerger will lead to efficient management and capital allocation with a tailored investor appeal and a sharpened strategic focus.

Exhibit 3: Key volume assumption: Growth to moderate to single digits over FY25-27E

Volume (units in 000s)	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY25-27E CAGR (%)
JLR	348	294	321	401	401	356	376	(3)
Growth (%)	(27)	(15)	9	25	(0)	(11)	5	
India CVs	268	368	413	396	377	385	390	2
Growth (%)	(20)	37	12	(4)	(5)	2	1	
India PVs	225	375	547	574	556	595	626	6
Growth (%)	60	67	46	5	(3)	7	5	

Source: Company, Nuvama Research

Exhibit 4: Key revenue assumption: Growth likely to moderate

(GBP/INR bn)	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E	FY25–27E Change
JLR revenue	20	18	23	29	29	27	29	1% CAGR
JLR EBIT (%)	2.8	-0.9	2.1	8.8	8.5	6.5	6.8	-207bps
India CV revenue	302	473	658	733	694	717	733	3% CAGR
India CV EBIT(%)	-0.8	-0.3	4.6	8.0	8.7	8.6	8.5	-11bps
India PV revenue	167	326	489	510	490	541	573	8% CAGR
India PV EBIT(%)	-12.4	-3.5	1.1	3.1	1.3	2.7	3.4	149bps

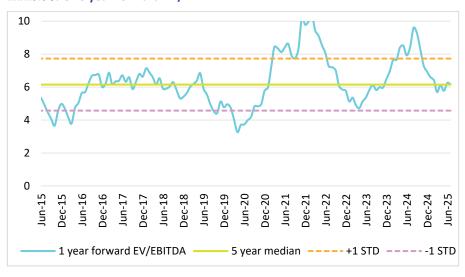
Source: Company, Nuvama Research

Exhibit 5: SotP at INR670/share

	Basis of valuation	Equity value (INR mn)	Equity value (INR/share)	Contribution to SotP (%)
India CV	EV/EBITDA 10x	884,388	240	36 Multiple is at 20% discount to AL's historical valuations
India ICE-PV	EV/EBITDA 7x	307,587	84	12 Multiple is at 40% discount to MSIL's historical valuations
India E-PV	Transaction value	309,750	84	13 Transaction valuation with 40% holdco discount
JLR	EV/EBITDA 2x	732,404	199	30 Multiple at premium to European peers
JLR China JV	EV/EBITDA 4x	56,890	15	2
Tata Motors Finance	P/B 2x FY24	76,745	21	3 Applying 20% holdco discount
Tata Technologies	Current market cap	106,780	29	4 Applying 20% holdco discount
Total			672	
Total (Rounded off)			670	

Source: Nuvama Research

Exhibit 6: One year forward EV/EBITDA



Source: Bloomberg, Nuvama Research

Company Description

TTMT is India's largest commercial vehicle company and fourth-largest PV player. In PV, the company has products in the compact cars and utility vehicle segments. Through subsidiaries and associates, the company operates globally. The key among them is Jaguar Land Rover, the business comprising two iconic British brands – Jaguar and Land Rover (JLR).

Investment Theme

Tata Motors has witnessed robust growth over past four years, driven by cyclical upturn in JLR and domestic PVs/CVs, improving product mix, and margin expansion emanating from rising scale and cost-cutting measures. This has also supported in strengthening of balance sheet.

Going forward, we are building in a muted 3% revenue CAGR over FY25–27E, owing to volume decline at JLR (3% CAGR) and muted growth in the India CV (2% CAGR) division. In JLR, discontinuation of 'Jaguar' models, loss of market share in China region and imposition of tariffs in US region, shall lead to volume contraction ahead. Furthermore, we expect a muted performance in the India CV division owing to reasonable utilization levels with transporters, increasing competition from Railways (with commencement of western DFC) and a high base. Although company is focussing on cost savings, muted demand outlook, and increasing marketing / sales promotion spends in global and domestic markets, should lead to a muted 3% EBITDA CAGR over FY25-27E. Retain 'REDUCE' with SoTP at INR670.

Key Risks

- Higher than expected luxury-car demand in target markets
- Higher-than-expected growth in India, leading to increase in revenue estimates and lower marketing spends
- Reduction in commodity prices
- · Benign currency movement

Additional Data

Management

Chairman	N. Chandrasekaran
CFO	Pathamadai B Balaji
ED - CV	Girish Wagh
MD - TMPVL & TPEML	Shailesh Chandra
Auditor	BSR & Co LLP

Recent Company Research

Date	Title	Price	Reco
13-May-25	Muted showing; weak near-term outlook; <i>Result Update</i>	708	Reduce
11-Mar-25	FY26 JLR outlook remains subdued; Nuvama Flash	648	Reduce
29-Jan-25	JLR, CV weigh down Q3; outlook muted; Result Update	764	Reduce

Holdings – Top 10*

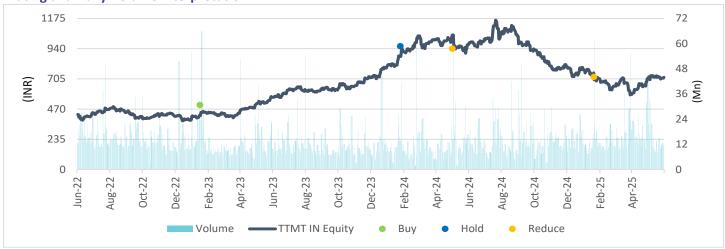
	% Holding		% Holding
LIC	3.15	HDFC AMC	1.39
SBI Funds	2.83	Jhunjhunwala Rekha	1.30
Vanguard Group	2.34	UTI AMC	0.87
BlackRock Inc	1.95	Norges Bank	0.76
ICICI Pru	1.84	Franklin Resources	0.75

^{*}Latest public data

Recent Sector Research

Date	Name of Co./Sector	Title	
30-May-25	Bajaj Auto	In-line performance; outlook intact; <i>Result Update</i>	
30-May-25	Amara Raja	Q4 EBITDA miss; augmenting EV focus; Result Update	
29-May-25	Automobiles	Sticky slow lane: Outlook remains weak: Sector Update	

Rating and Daily Volume Interpretation



Source: Bloomberg, Nuvama research

Rating Rationale & Distribution: Nuvama Research

Rating	Expected absolute returns over 12 months	Rating Distribution
Buy	15%	203
Hold	<15% and >-5%	62
Reduce	<-5%	37

DISCLAIMER

Nuvama Wealth Management Limited (defined as "NWML" or "Research Entity") a company duly incorporated under the Companies Act, 1956 (CIN No L67110MH1993PLC344634) having its Registered office situated at 801-804, Wing A, Building No. 3, Inspire BKC, G Block, Bandra Kurla Complex, Bandra East, Mumbai – 400 051 is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, Investment Adviser, Research Analyst and other related activities. Name of Compliance/Grievance officer: Mr. Atul Bapna, E-mail address: comm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mailto:

This Report has been prepared by NWML in the capacity of a Research Analyst having SEBI Registration No.INH000011316 and Enlistment no. 5723 with BSE and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. 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 NWML and associates, subsidiaries / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report in certain report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. NWML reserves the right to make modifications and alterations to this statement as may be required from time to time. NWML or any of its associates / group companies shall 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. NWML is committed to providing independent and transparent recommendation to its clients. Neither NWML nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The

NWML shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the NWML to present the data. In no event shall NWML be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the NWML through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

NWML and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, 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 subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. (c) NWML may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. (d) The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with NWML (e) Registration granted by SEBI and certification from NISM in no way guarantee performance of NWML or provide any assurance of returns to investors and clients.

NWML or its associates may have received compensation from the subject company in the past 12 months. NWML or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. NWML or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates may 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 12 months. NWML or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or NWML's associates may have financial interest in the subject company. NWML and/or its Group Companies, their Directors, affiliates and/or employees may have interests/positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. NWML, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

NWML has financial interest in the subject companies: No

NWML's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

NWML has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

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

There were no instances of non-compliance by NWML on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification:

The analyst 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.

Additional Disclaimers

Disclaimer for U.S. Persons

This research report is a product of NWML, 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 NWML 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, NWML has entered into an agreement with a U.S. registered broker-dealer, Nuvama Financial Services Inc. (formerly Edelweiss Financial Services Inc.) ("NFSI"). Transactions in securities discussed in this research report should be effected through NFSI.

Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

Disclaimer for Canadian Persons

This research report is a product of NWML, which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by NWML only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

NWML is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) NWML is not registered in the Province of Ontario to trade in securities, (ii) NWML's head office or principal place of business is located in India; (iii) all or substantially all of NWML's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against NWML because of the above; and (v) the name and address of the NWML's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario MSJ 273 Canada.

Disclaimer for Singapore Persons

In Singapore, this report is being distributed by Nuvama Investment Advisors Private Limited (NIAPL) (Previously Edelweiss Investment Advisors Private Limited ("EIAPL")) (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to NIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact NIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

Disclaimer for Hong Kong persons

This report is distributed in Hong Kong by Nuvama Investment Advisors (Hong Kong) Private Limited (NIAHK) (Previously Edelweiss Securities (Hong Kong) Private Limited (ESHK)), a licensed corporation (BOM -874) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to Section 116(1) of the Securities and Futures Ordinance "SFO". This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The report also does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of any individual recipients. The Indian Analyst(s) who compile this report is/are not located in Hong Kong and is/are not licensed to carry on regulated activities in Hong Kong and does not / do not hold themselves out as being able to do so.

INVESTMENT IN SECURITIES MARKET ARE SUBJECT TO MARKET RISKS. READ ALL THE RELATED DOCUMENTS CAREFULLY BEFORE INVESTING.

Abneesh Roy Head of Research Committee Abneesh.Roy@nuvama.com