METALS & ENERGY

Market Overview

Currencies	Close	Previous Close	% Change
Dollar Index	104.30	104.22	0.07%
Euro/USD	1.083	1.084	-0.06%
GBP/USD	1.263	1.264	-0.06%
USD/YEN	151.56	151.42	0.09%
USD/INR	83.29	83.43	-0.16%

Source: Bloomberg

Globa	l Indices	Close	Previous Close	% Change
[OJIA	39,282.33	39,313.64	-0.08%
FTS	SE 100	7,930.96	7,917.57	0.17%
N	ikkei	40,398.03	40,414.12	-0.04%
Ni	fty 50	22,004.70	22,096.75	-0.42%
Sha	nghai	3,031.48	3,026.31	0.17%

Source: Bloomberg

COMEX Gold held two day advance and trades near \$2200/oz as traders prepare for the Federal Reserve's preferred inflation gauge due Friday

US durable goods orders increased 1.4%, following a downwardly revised 6.9% drop in January, while home-price growth accelerating at the fastest rate since 2022

WTI crude prices extended declines and edged below \$81/bbl weighed down API report of a crude oil stock build up of 9.3 million barrels last week and limited global risk appetite ahead of the end of the quarter

LME base metals remain under pressure as uncertainty regarding pick up in construction demand rose amid lack of strong policy signals from China

Industrial profits rose 10.2% from a year earlier in January-February, according to data published by the National Bureau of Statistics on Wednesday

Today, Bank of England financial policy committee minutes, Eurozone consumer confidence and speech by Fed Governor Christopher Waller will be in focus

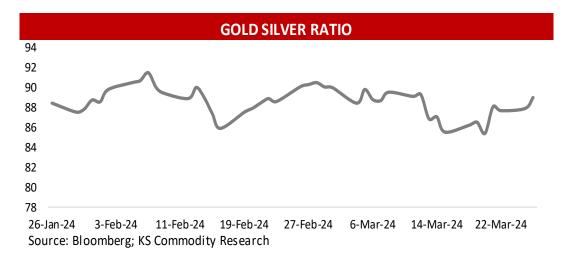
Data and Events due today (Source: Forex factory)

	IST	Currency	Data	Forecast	Previous	Importance
27-Mar-24	13:30	EUR	Spanish Flash CPI y/y	3.1%	2.8%	Medium
	16:00	GBP	FPC Meeting Minutes			Low
	20:00	USD	Crude Oil Inventories	(0.7M)	(2M)	Low

Royce Vargheese Joseph Royce.joseph@kotak.com; 022 6621 6230

Gold – COMEX Gold prices have been consolidating around \$2200 per troy ounce levels since the start of the month, as the yellow metal waits for fresh triggers. Data released yesterday showed that new orders for manufactured durable goods in the US rose by 1.4% m/m in February, more than market expectations of a 1.1% increase and after a downwardly revised 6.9% fall in January. At the same time, the average prices of single-family houses with mortgages guaranteed by Fannie Mae and Freddie Mac in the United States went down 0.1% in January 2024, the first decrease since August 2022 and increasing optimism on the downward trajectory on inflation. Now the investor focus is on the Fed's preferred PCE price index data later this week, which might provide more cues on Fed's policy path. Federal Reserve Bank of Atlanta President Raphael Bostic, during the week reiterated his expectation for one interest-rate cut this year and a hotter than expected PCE might prompt markets to pare rate cuts bets.

Silver - COMEX Silver prices extended declines for the fourth consecutive day, tracking weakness in industrial metals. Data released from China showed Industrial profits increased 10.2% y/y in the first two months of the year, extending a gaining streak since August and adding to positive signs in the economy. Earlier this week, Chinese Premier Li Qiang downplayed concerns about challenges facing the country's economy and sought to reassure investors that Beijing will step up measures to support expansion. Silver prices might wait for more cues of an economic recovery from China.



COMEX as on 26-Mar-24										
Gold (US do	Gold (US dollar per troy ounce)									
Contract	High	Low	Close	Change	% Change					
Apr	2200.6	2168.3	2177.2	0.8	0.04%					
Jun	2222.6	2190.0	2199.2	1.0	0.05%					
Silver (US do	ollar per tro	y ounce)								
May	25.06	24.52	24.62	-0.27	-1.1%					
Jul	25.28	24.77	24.87	-0.27	-1.1%					
		MCX as on	26-Mar-24							
Gold (Rupee	s per 10 gra	ms)								
Apr	66439	65880	66114	256	0.4%					
Jun	67107	66432	66686	319	0.5%					
Silver (Rupe	es per kilog	ram)								
May	75244	74280	74518	-269	-0.4%					
Jul	76600	75786	75988	-241	-0.3%					
MCX Bullion	Index (poir	nts)								
Mar	16899	16786	16893	33	0.2%					

Source: MCX; Bloomberg

Volume and OI Analysis (MCX)								
Gold	Vol (lots)	Change (%)		OI (lots)	Change (%)			
Apr	5983	163.8	Apr	6055	-22.5			
Jun	5908	217.3	Jun	19475	12.2			
Silver								
May	12444	308.3	May	23037	-4.1			
Jul	876	260.5	Jul	2463	-1.6			

Source: MCX; Bloomberg

MCX Spread Matrix (Regular 1 KG)								
Gold	Apr	Jun	Aug	Oct				
Apr	0	-572	-816	-1793				
Jun			-244	-1221				
Aug				-977				
Oct				0				

Source: MCX; KS Commodity Research

MCX Spread Matrix (Regular 30 KG)								
Silver	May	Jul	Sep	Dec				
May	0	-1470	-2783	-5314				
Jul			-1313	-3844				
Sep				-2531				
Dec				0				

Source: MCX; KS Commodity Research

Kaynat Chainwala kaynat.chainwala@kotak.com; 022 6621 6232

	March 26, 2024								
	MCX India (Rs/kg)								
Commodity	Contract	High	Low	Close	Change	% Change			
Aluminium	Apr	209.45	206.30	206.95	-1.15	-0.55%			
Copper	Apr	761.30	756.20	757.70	-1.30	-0.17%			
Lead	Apr	177.75	177.10	177.30	-0.20	-0.11%			
Nickel	Apr	1473.20	1473.20	1473.20	-7.60	-0.51%			
Zinc	Apr	220.50	217.20	217.50	-2.95	-1.34%			

Source - Bloomberg

LME (USD/tonne)								
Commodity	Contract	High	Low	Close	Change	% Change		
Aluminium	3 Month	2331.0	2296.5	2303.5	-22.50	-0.97%		
Copper	3 Month	8896.0	8810.0	8862.0	-11.00	-0.12%		
Lead	3 Month	2045.5	2016.0	2020.0	-14.50	-0.71%		
Nickel	3 Month	17000.0	16625.0	16640.0	-297.00	-1.75%		
Zinc	3 Month	2500.5	2440.0	2442.0	-53.50	-2.14%		

Source - Bloomberg

Source - Bloomberg

ing Closing	Net	On	Total Cancel	C/W
ks Stocks	Change	Warrnats	Warrants (C/W)	Ratio*
00 555775	-3825	340950	214825	38.65%
00 117400	-500	97725	19675	16.76%
50 267850	100	260200	7650	2.86%
77076	-378	71148	5928	7.69%
75 266000	-3375	215025	50975	19.16%
֡	ks Stocks 500 555775 900 117400 250 267850 54 77076	ks Stocks Change 500 555775 -3825 500 117400 -500 500 267850 100 54 77076 -378	ks Stocks Change Warrnats 600 555775 -3825 340950 600 117400 -500 97725 750 267850 100 260200 54 77076 -378 71148	ks Stocks Change Warrnats Warrants (C/W) 600 555775 -3825 340950 214825 600 117400 -500 97725 19675 750 267850 100 260200 7650 54 77076 -378 71148 5928

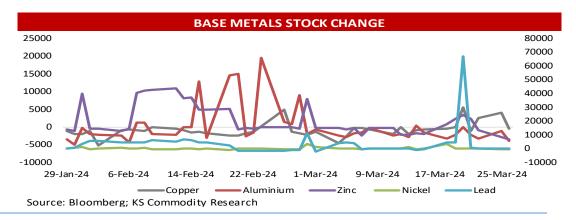
*C/W- Cancelled Warrants

LME Cash to 3 month spread (USD/tonne) Commodity Close **PCP** Change -49.48 -2.32 Aluminium -51.80 -113.53 -115.37 1.84 Copper Lead -42.46 -40.78 -1.68 Nickel -222.47 -216.76 -5.71 -4.22 Zinc -50.83 -46.61 Source - Bloomberg

Metals – LME base metals remained under pressure on Tuesday weighed down by a weaker yuan and lack of signs of economic recovery in top consumer China.

LME Copper swung between gains and losses before closing on a flat note as markets await signs of recovery in China during its peak construction season amid lack of strong policy signals from Beijing. LME Copper had slipped to two week low of \$8810/tonne during the session as weakness was fueled further by a weaker yuan. Reassurance by authorities is not convincing markets either. Chinese Premier Li Qiang tried to reassure investors stating plenty of space for macroeconomic policies to be broadened because consumer price growth is "relatively low" and the central government's debt level is not high. LME Aluminium slipped 1% and Lead closed 0.7% lower yesterday while Zinc was the biggest loser in the metals pack. LME Zinc tumbled more than 2% to \$2440/tonne as Steel demand concerns in China coupled with restart of Glencore mine in Australia. Mining giant Glencore announced it would return to normal operations at the MacArthur River zinc mine, which closed earlier this month after a cyclone hit the region.

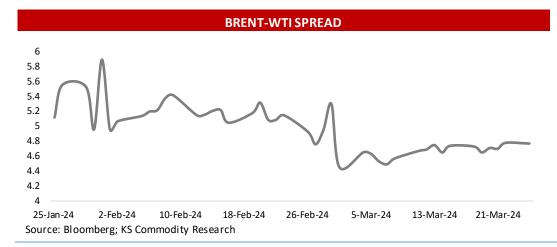
Today, LME base metals extended declines as traders remain wary ahead of release of US Core PCE after latest strong US data. Signs of stubborn inflation could see US policymakers push back on expectations for rate cuts this year. Also, global risk appetite limited global risk appetite ahead of the end of the quarter. Sign of Stabilizing Chinese economy did not have visible impact. Data published by the National Bureau of Statistics showed Industrial profits rose 10.2% from a year earlier in January-February, extending a gaining streak since August, boosted by a low base of comparison a year earlier.



Royce Vargheese Joseph Royce.joseph@kotak.com; 022 6621 6230

Crude Oil - WTI Crude oil closed lower on Tuesday, as investors assessed the impact of recent Ukrainian attacks on Russian refinery capacity, demand prospects from China and Fed policy outlook. Meanwhile, Russia's seaborne crude exports clawed back about half of the previous week's losses even though there's growing evidence that sanctions are finally starting to stymie Moscow's oil supply chain. Oil prices eased in early Asian trading after the API industry data showed stocks of crude oil in the US stockpiles jumped by 9.337 million barrels last week, reversing from a 1.519 million barrel decline in the preceding week and marking the biggest weekly increase since February last year. Investors await EIA data later today. OPEC is expected to keep the policy unchanged when they meet on 3rd April to review the market.

Natural Gas - NYMEX Henry Hub gas prices extended declines for the third consecutive day, weighed down by weak demand prospects and ample storage levels. High wind generation on the major grid known as ERCOT also diminished demand for the power-plant fuel. According to EBW AnalyticsGroup said blizzard conditions from Colorado to the Midwest are not affecting overall natural gas demand and low-demand shoulder season may prolong recent weakness. European natural gas prices erased Monday's gains, as the region is ending the heating season with inventories nearly 60% full, a record for the time of year. While traders are on alert for damage to critical infrastructure from Russia's war on Ukraine, subdued economic activity is keeping a lid on the region's energy needs. We expect the weakness in gas prices to persist.



	CRUDE OIL									
MCX Cru	de Oil (Rs/	barrel) as	26-Mar							
Contract	High	Low	Close	Change	% Change					
Apr	6859	6790	6817	71	1.1					
May	6815	6760	6783	67	1.0					
NYMEX \	NTI Crude	Oil (USD/k	parrel)							
May	82.36	81.22	81.62	-0.33	-0.4					
Jun	81.77	80.63	81.04	-0.34	-0.4					
ICE Brer	nt Crude O	il (USD/bar	rel)							
May	87.06	85.8	86.25	-0.50	-0.6					
Jun	86.42	85.19	85.63	-0.45	-0.5					
NYMEX	Heating O	il (USD cen	ts/gallon)							
May	267.29	260.3	261.59	-4.83	-1.8					
Jun	265.57	259.52	260.74	-3.93	-1.5					
NYMEX	Gasoline ((USD cents	/gallon)							
May	273.56	267.56	268.53	-4.31	-1.6					
Jun	269.93	264.58	265.5	-3.67	-1.4					
Spread (U	SD/barrel)		Close	Prev.	% Change					
ICE Brent-	NYMEX W	TI	5.21	5.37	-0.16					
NYMEX 3-2	2-1 Crack S	pread	30.19	31.74	-1.55					
Source: M	CX·Bloom!	nerg								

Source: MCX;Bloomberg

	out cer mon, broams eng									
	NATURAL GAS									
	MCX Natural Gas (Rs/mmBtu)									
Contract	High	Low	Close	Change	% Change					
Apr	153.4	149.8	150.7	-2.50	-1.6					
May	173.2	169.9	170.4	-2.30	-1.3					
	NYME	X Natural C	Gas (USD/n	nmBtu)						
May	1.830	1.775	1.788	0.00	-0.1					
Jun	2.057	2.004	2.016	0.00	0.0					
Spread/Ra	tio		Close	Prev.	% Change					
WTI-Natga	s Ratio		45.65	45.81	-0.16					
MCX WTI-N	Natgas Rat	io	45.24	44.03	1.20					
Source: MO	Source: MCX;Bloomberg									

Devanshi Mehta devanshi.mehta@kotak.com

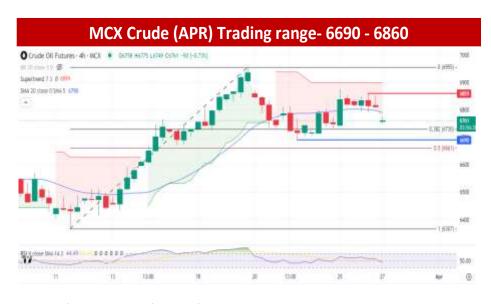
Abhijit Chavan chavan.abhijit@kotak.com



Source:-Tradingview, KS Commodity Research



Source:-Tradingview, KS Commodity Research



Source:-Tradingview, KS Commodity Research



Source:-Tradingview, KS Commodity Research

	Commodity	S3	S2	S1	Pivot	R1	R2	R3	Breakout Above	Breakout Target	Breakdown Below	Breakdown Target
Index	MCX BULLDEX Mar	16682	16734	16795	16847	16908	16960	17021	16955	17007	16831	16779
Precious Metals	Spot Gold	2126.7	2147.2	2159.2	2179.7	2191.7	2212.2	2224.2	2196.7	2211.5	2160.9	2146.1
	MCX Gold Apr	65193	65537	65752	66096	66311	66655	66870	66421	66675	65807	65553
	MCX Gold Jun	65791	66111	66466	66786	67141	67461	67816	67057	67364	66315	66008
	MCX Gold Mini Apr	65060	65386	65629	65955	66198	66524	66767	66340	66599	65714	65455
	MCX Gold Mini May	65397	65749	65960	66312	66523	66875	67086	66622	66877	66002	65747
Snc	Spot Silver	23.75	24.05	24.30	24.60	24.80	25.10	25.35	24.75	25.00	24.15	23.95
Š	MCX Silver May	73228	73754	74192	74718	75156	75682	76120	75048	75485	73988	73551
E	MCX Silver Jul	74886	75336	75700	76150	76514	76964	77328	76436	76804	75540	75172
	MCX Silver Mini Apr	73388	73864	74248	74724	75108	75584	75968	75028	75418	74082	73693
	MCX Silver Mini Jun	74908	75345	75685	76122	76462	76899	77239	76431	76783	75577	75225
	LME Copper	8734	8772	8820	8858	8906	8944	8992	8909	8949	8815	8776
	MCX Copper Apr	750.3	753.3	755.4	758.4	760.5	763.5	765.6	760.5	762.8	754.9	752.6
	MCX Copper May	754.9	757.3	759.1	761.6	763.4	765.8	767.6	763.6	765.5	758.9	757.0
S	LME Zinc	2377	2409	2438	2469	2498	2530	2559	2475	2503	2409	2381
sta	MCX Zinc Apr	214.0	215.6	217.3	218.9	220.6	222.2	223.9	219.3	220.8	215.7	214.2
ž	MCX Zinc May	216.5	217.8	219.3	220.6	222.1	223.4	224.9	220.8	222.1	217.7	216.5
Industrial Metals	LME Lead	1985	2000	2014	2030	2044	2059	2073	2036	2050	2004	1990
- Et	MCX Lead Apr	176.4	176.8	177.0	177.4	177.7	178.1	178.3	177.7	178.0	177.0	176.7
ą	MCX Lead May	179.4	179.4	179.4	179.4	179.4	179.4	179.4	179.4	179.4	179.4	179.4
트	LME Nickel	16253	16439	16628	16814	17003	17189	17378	16846	17015	16434	16265
	LME Aluminium	2265	2281	2299	2315	2334	2350	2368	2322	2338	2285	2269
	MCX Aluminium Apr	203.4	204.9	206.6	208.0	209.7	211.2	212.9	208.7	210.1	205.2	203.8
	MCX Aluminium May	206.6	207.5	208.9	209.8	211.3	212.2	213.6	210.8	211.9	208.2	207.2
Energy	NYMEX Crude Oil	80.05	80.65	81.20	81.80	82.35	82.90	83.50	82.25	82.75	81.00	80.45
	MCX Crude Oil Apr	6721	6755	6790	6824	6859	6893	6928	6855	6886	6779	6748
	MCX Crude Oil May	6707	6733	6762	6788	6817	6843	6872	6813	6838	6753	6728
	NYMEX Natural Gas	1.35	1.40	1.50	1.60	1.65	1.75	1.85	1.65	1.75	1.50	1.40
	MCX Natural Gas Apr	145.50	147.70	149.10	151.30	152.70	154.80	156.30	152.70	154.30	148.70	147.10
	MCX Natural Gas May	165.80	167.90	169.10	171.20	172.40	174.50	175.70	172.20	173.70	168.60	167.10

Source - Bloomberg; KS Commodity Research

Pivot: If the Price opens above the pivot, the day trend might be positive and if the price opens below pivot the day trend might be negative.

<u>Supports/Resistances:</u> During the normal course of trading, supports/resistances are important levels which may be used by traders to book profits if they have any buy/sell position.

<u>Breakout/Breakdown:</u> Breakout and Breakdown levels are the extreme levels above which the direction might change. The direction changes to bullish above the mentioned breakout and bearish if the price moves below the breakdown.

Breakout/ Breakdown Target: It is the price which might be achieved if it trades above or below the breakdown respectively.

*Note: Pivot,Suppport/Resistances, Breakout, Breakdown are generated as per statistical formulas. So these levels might differ from the levels given by the technical analyst as the analyst use technical charts for giving trading levels.

	(OPTION	IS MONIT	OR AS ON 2	26-Mar-24		
	Gold	Silver	Crude Oil	Natural gas	Copper	Zinc	Nickel
Call Vol (lots)	16571	6860	368558	107119	5	4	0
Put Vol (lots)	16044	5503	333245	91413	9	0	0
Call OI (lots)	4343	5288	38442	39229	23	10	0
Put OI (lots)	5678	5308	44132	28563	11	1	0
Put Call Ratio (Vol)	0.97	0.80	0.90	0.85	1.80	0.00	-
Put Call Ratio(OI)	1.31	1.00	1.15	0.73	0.48	0.10	-
Turnover Call (crores)	11047.5	1585.1	25991.7	2232.5	1.0	0.4	0.0
Turnover Put (crores)	10525.8	1235.3	22919.2	1735.9	1.7	0.0	0.0
Max Call Vol (lots)	5155	2473	124561	28612	4	4	0
Max Call Vol Strike	66000	75000	6800	150	770	220	-
Max Put Vol (lots)	7540	1936	113436	30504	6	0	0
Max Put Vol Strike	66000	74000	6800	150	750	-	-
Max Call OI (lots)	1284	1016	7430	8061	8	6	0
Max Call OI Strike	67000	80000	6800	150	800	225	-
Max Put OI (lots)	844	848	7995	9060	4	6	0
Max Put OI Strike	65000	70000	6700	150	750	220	-

Souce: MCX; KS Commodity Research; Vol stands for Volume; OI stands for Open Interest

MCX SPREAD MONITOR								
Commodity	Current	Previous	Trend					
Gold 1M-2M (Rs/10gm)	-572	-509	Widening					
Silver 1M-2M (Rs/kg)	-1470	-1442	Widening					
Copper 1M-2M (Rs/kg)	-3.55	-3.25	Widening					
Aluminiun 1M-2M (Rs/kg)	-2.55	-1.55	Widening					
Lead 1M-2M (Rs/kg)	-2.05	-1.70	Widening					
Nickel 1M-2M (Rs/kg)	0.00	0.00						
Zinc 1M-2M (Rs/kg)	-1.75	-1.70	Widening					
Crude 1M-2M (Rs/bbl)	34.00	30.00	Widening					
Natural gas 1M-2M (Rs/mmBtu)	-19.70	-19.50	Widening					
Aluminium-Lead (Rs/kg)	29.65	30.60	Narrowing					
Zinc- Aluminium (Rs/kg)	10.55	12.35	Narrowing					
Zinc-Lead (Rs/kg)	40.20	42.95	Narrowing					
Gold Silver Ratio	0.89	0.88	Widening					
Crude/NG Ratio	45.24	44.03	Widening					

Source: Bloomberg; KS Commodity Research

RATING SCALE FOR DAILY REPORT

BUY - We expect the commodity to deliver 1% or more returns

SELL - We expect the commodity to deliver (-1%) or more returns

SIDEWAYS - We expect the commodity to trade in the range of (+/-)1%

NOTE - The recommendations are valid for one day from the date of issue of the report, subject to mentioned stop loss, if any

FUNDAMENTAL RESEARCH TEAM

Ravindra Rao Head of Research ravindra.rao@kotak.com +91 22 6621 6234 Kaynat Chainwala
Base Metals
kaynat.chainwala@kotak.com
+91 22 6621 6232

Royce Vargheese Joseph Bullion & Energy royce.joseph@kotak.com +91 22 6621 6230 Riteshkumar Sahu Agri Sector riteshkumar.sahu@kotak.com +91 22 6621 6233

TECHNICAL RESEARCH TEAM

Abhijit Chavan chavan.abhijit@kotak.com +91 22 6621 6217 lan Gonsalves ian.gonsalves@kotak.com +91 22 6621 6216 **Devanshi Mehta** devanshi.mehta@kotak.com

Yadnesh Shendge yadnesh.shendge@kotak.com

Disclosure/Disclaimer

Kotak Securities Limited established in 1994, is a subsidiary of Kotak Mahindra Bank Limited. Kotak Securities is one of India's largest brokerage and distribution house.

Kotak Securities Limited is a corporate trading and clearing member of BSE Limited, 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 Development Authority as Corporate Agent for Kotak Mahindra Old Mutual Life Insurance Limited and is also a Mutual Fund Advisor registered with Association of Mutual Funds in India (AMFI). We are 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/warning/deficiency 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 clients as well as our prospects.

This document is not for public distribution and has been furnished to you solely for your information and must not be reproduced or redistributed to any other person. Persons into whose possession this document may come are required to observe these restrictions. This material is for the personal information of the authorized recipient, and we are not soliciting any action based upon it. This report is not to 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. It is for the general information of present and prospective clients of Kotak Securities Ltd.

We have reviewed the report, and in so far as it includes current or historical information, it is believed to be reliable though its accuracy or completeness cannot be guaranteed. Neither Kotak Securities Limited, nor any person connected with it, accepts any liability arising from the use of this document. The recipients of this material should rely on their own investigations and take their own professional advice. Price and value of the investments referred to in this material may rise or fall. Past performance is not a guide for future performance. Certain transactions -including those involving futures, options and other derivatives involve substantial risk and are not suitable for every investor. Reports based on technical analysis centers on studying charts of price movement and trading volume, as opposed to focusing on fundamentals. The views provided herein are general in nature and does not consider risk appetite or investment objective of particular investor; readers are requested to take independent professional advice before investing. The Report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Kotak Securities Limited does not provide any promise or assurance of favorable view for a particular commodity in any manner. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and take professional advice before investing.

Opinions expressed are our current opinions as of the date appearing on this material only. While we endeavor to update on a reasonable basis the information discussed in this material, there may be regulatory, compliance or other reasons that prevent us from doing so. Prospective investors and others are cautioned that any forward-looking statements are not predictions and may be subject to change without notice. Kotak Securities Limited is not engaged in proprietary trade in commodities and the views mentioned in the report are not in any manner influenced by self-interest of Kotak Securities Limited or the individual Research Analyst.

We and our affiliates/associates, officers, 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 thereof 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 or act as advisor 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. The views provided herein are general in nature and does not consider risk appetite or investment objective of 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 KSL. Kotak Securities Limited is also a Portfolio Manager. Portfolio Management Team (PMS) takes its independent investment decisions

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the securities if any 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.

No part of this material may be duplicated in any form and/or redistributed without Kotak Securities' prior written consent. Details of Associates are available on website i.e. www.kotak.com

- 1. Note that the research analysts contributing to the research report may not be registered/qualified as research analysts with FINRA; and
- 2. Such research analysts may not be associated persons of Kotak Mahindra Inc. and therefore, may not be subject to NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account

Any U.S. recipients of the research who wish to effect transactions in any security covered by the report should do so with or through Kotak Mahindra Inc. (Member FINRA/SIPC) and (ii) any transactions in the securities covered by the research by U.S. recipients must be effected only through Kotak Mahindra Inc. (Member FINRA/SIPC) at 369 Lexington Avenue 28th Floor NY 10017 USA (Tel: +1 212-600-8850).

Kotak Securities Limited and its non US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non US issuers, prior to or immediately following its publication. 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. This research report and its respective contents do not constitute an offer or invitation to purchase or subscribe for any securities or solicitation of any investments or investment services. Accordingly, any brokerage and investment services including the products and services described are not available to or intended for Canadian persons or US persons."

Research Analyst has served as an officer, director or employee of Subject Company: NA

We or our associates may have received compensation from the subject company, if any in the past 12 months: NA

We or our associates may have managed or co-managed public offering of securities for the subject company (ies) in the past 12 months: NA

We or our associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company, if any in the past 12 months: NA

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, if any in the past 12 months: NA.

We or our associates may have received any compensation or other benefits from the Subject Company if any or third party in connection with the research report: NA.

Our associates may have financial interest in the subject company(ies) if any: NA

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

'However, Kotak Securities Prop/Arbitrage team could have exposure/financial interest to the subject company/companies during the ongoing month.'

'Nature of financial interest is holding of equity shares and/or derivatives of the subject company.'

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

Research Analyst or his/her relatives has actual/beneficial ownership of 1% or more securities 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 at the end of the month immediately preceding the date of publication of Research Report: No

Subject Company, if any may have been client during twelve months preceding the date of distribution of the research report.: NA

Daily price movement of commodities is available on the following websites:

https://www.mcxindia.com/market-data/market-watch

https://ncdex.com/MarketData/LiveFuturesQuotes.aspx

https://www.nseindia.com/live market/dynaContent/live watch/commodity der stock watch.htm

https://www.bseindia.com/markets/Commodity/commodity.html

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.

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 @kotak.com

4285 8484. or Email: ks.compliance @kotak.com

In case you require any clarification or have any query/concern, kindly write to us at Service.securities@kotak.com. For grievances write to KS.escalation@kotak.com and follow below Grievances Escalation matrix.

Details of	Contact Person	Address	Contact No.	Email Id	Working hours
Customer care/Complaints	Mr. Ritesh Shah	Kotak Towers, 8th Floor, Building No.21, Infinity Park, Off Western Express Highway, Malad (East), Mumbai, Maharashtra - 400097	18002099393	ks.escalation@kotak.com	9 a.m. to 6 p.m. All trading days
Head of Customer Care	Mr. Tabrez Anwar	Kotak Towers, 8th Floor, Building No.21, Infinity Park, Off Western Express Highway, Malad (East), Mumbai, Maharashtra - 400097	022-42858208	ks.servicehead@kotak.com	9 a.m. to 6 p.m. All trading days
Compliance Officer	Mr. Hiren Thakkar	Kotak Towers, 8th Floor, Building No.21, Infinity Park, Off Western Express Highway, Malad (East), Mumbai, Maharashtra - 400097	022-42858484	ks.compliance@kotak.com	9 a.m. to 6 p.m. All trading days
CEO	Mr. Jaideep Hansraj	Kotak Towers, 8th Floor, Building No.21, Infinity Park, Off Western Express Highway, Malad (East), Mumbai, Maharashtra - 400097	022-42858301	ceo.ks@kotak.com	9 a.m. to 6 p.m. All trading days

In absence of response/complaint not addressed to your satisfaction, you may lodge a complaint with SEBI at https://scores.gov.in/scores/Welcome.html or Exchange at https://scores.gov.in/scores/Welcome.html or Exchange at https://bsecrs.bseindia.com/ecomplaint/frmInvestorHome.aspx, Investor Service Centre | National Commodity & Derivatives Exchange Limited (ncdex.com), https://jurs.mcxindia.com/. Please quote your Service Ticket/Complaint Ref No. while raising your complaint at SEBI SCORES/Exchange portal or Depository at https://www.epass.nsdl.com/complaints/websitecomp