METALS & ENERGY

Market Overview

Currencies	Close	Previous Close	% Change
Dollar Index	104.72	104.96	-0.23%
Euro/USD	1.073	1.071	0.17%
GBP/USD	1.257	1.259	-0.21%
USD/YEN	150.58	150.80	-0.15%
USD/INR	83.03	83.01	0.02%

Source: Bloomberg

Global Indices	Close	Previous Close	% Change
DJIA	38,424.27	38,272.75	0.40%
FTSE 100	7,568.40	7,512.28	0.75%
Nikkei	37,703.32	37,963.97	-0.69%
Nifty 50	21,840.05	21,743.25	0.45%
Shanghai	2,865.90	2,829.70	1.28%

Source: Bloomberg

COMEX Gold holds losses as traders continued to scale back bets for an interest rate cut by the Federal Reserve next month

Federal Reserve Vice Chair for Supervision Michael Barr said the US central bank needs to see more data indicating inflation is heading back to 2% before it begins lowering interest rates

WTI Crude trades near \$76/bbl, extending decline for a second day, as US stockpiles expanded by a greater-than-expected 12 million barrels last week, most since November

LME base metals saw a modest recovery as dollar edged away from three month highs though Chinese demand concerns and slashed bets of rate cuts in the first half limit sharp upside

Bank of England Governor Andrew Bailey said he was encouraged by Britain's latest inflation data which left price growth broadly as the central bank expected, and he pointed to early signs of a pick-up in the economy (Reuters)

Today, US retail sales, Philly Fed manufacturing index and jobless claims may drop fresh hints on the health of the US economy

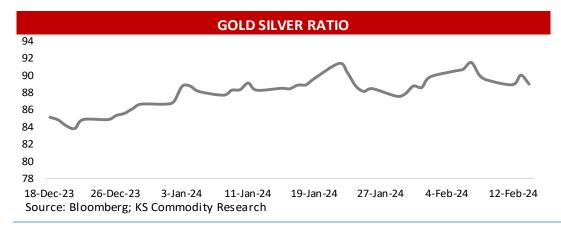
Data and Events due today (Source: Forex factory)

	IST	Currency	Data	Forecast	Previous	Importance
15-Feb-24	12:30	GBP	GDP m/m	-0.20%	0.30%	High
	19:00	USD	Core Retail Sales m/m	0.10%	0.40%	High
	19:00	USD	Empire State Manufacturing Index	-11.9	-43.7	High
	19:00	USD	Retail Sales m/m	-0.002	0.006	High
	19:00	USD	Unemployment Claims	217K	218K	High
	19:45	USD	Industrial Production m/m	0.003	0.001	Medium
	21:00	USD	Natural Gas Storage	(67B)	(75B)	Low

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

Gold - COMEX Gold prices declined for the fifth day in a row as hawkish comments from Fed officials amid the backdrop of upbeat economic data and hotter than anticipated inflation numbers improved the conviction that rates might stay higher for longer and the officials are not in a hurry to cut rates. US CPI data released on Tuesday showed that inflation eased less than expected to 3.1% in January, while the core reading unexpectedly refrained from slowing at 3.9%. Both consumer prices and the core rate experienced robust upticks on a m/m basis, rising by 0.3% and 0.4% respectively, bolstering the "wait and watch" approach of the Fed. Federal Reserve Vice Chair for Supervision Michael Barr said the US central bank needs to see more data indicating inflation is heading back to 2% before it begins lowering interest rates. According to CME Fedwatch tool, investors are now expecting only 37% odds of a quarter point Fed rate cut in May 2024 FOMC meeting. Tensions between Israel and Hezbollah intensified on Wednesday when Israeli towns and an army base came under the fiercest attacks from Lebanon since the confrontation began four months ago. Today, US retail sales data, weekly jobless claims and industrial production data will be in focus along with speeches from Fed officials.

Silver - COMEX Silver prices rose almost 1% on Wednesday, tracking mixed sentiments in the base metals and a small retreat in the greenback. Escalation in the geo-political tensions also provided some respite for the metal. Still, persistent macroeconomic headwinds in China, the world's top consumer, continued to hamper the outlook for industrial metals amid waning consumer confidence and falling property prices, increasing the calls for more policy support from Beijing.



COMEX as on 14-Feb-24										
Gold (US do	Gold (US dollar per troy ounce)									
Contract	High	Low	Close	Change	% Change					
Apr	2008.8	1996.4	2004.3	-2.9	-0.14%					
Jun	2028.5	2016.3	2024.0	-3.1	-0.15%					
Silver (US d	ollar per tro	y ounce)								
Mar	22.52	21.98	22.39	0.23	1.1%					
May	22.73	22.19	22.60	0.23	1.0%					
	MCX as on 14-Feb-24									
Gold (Rupe	es per 10 gra	ms)								
Apr	61478	61190	61443	-61	-0.1%					
Jun	61829	61560	61806	-51	-0.1%					
Silver (Rupe	ees per kilog	ram)								
Mar	70300	69128	70152	513	0.7%					
May	71700	70577	71546	446	0.6%					
MCX Bullion	n Index (poir	nts)								
Feb	15842	15748	15792	-22	-0.1%					

Source: MCX; Bloomberg

Volume and OI Analysis (MCX)									
Gold Vol (lots) Change (%) OI (lots) Change (
Apr	3326	-51.6	Apr	13738	0.1				
Jun	283	-12.9	Jun	1970	10.5				
Silver									
Mar	19005	-36.1	Mar	29149	-7.5				
May	3750	-28.7	May	8789	16.4				

Source: MCX; Bloomberg

MCX Spread Matrix (Regular 1 KG)									
Gold	Apr	Jun	Aug	Oct					
Apr	0	-363	-767	-1114					
Jun			-404	-751					
Aug				-347					
Oct				0					

Source: MCX; KS Commodity Research

MCX Spread Matrix (Regular 30 KG)									
Silver	Mar	May	Jul	Sep					
Mar	0	-1394	-2656	-4043					
May			-1262	-2649					
Jul				-1387					
Sep				0					

Source: MCX; KS Commodity Research

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

February 14, 2024								
	MCX India (Rs/kg)							
Commodity	Contract	High	Low	Close	Change	% Change		
Aluminium	Feb	201.80	199.35	201.10	1.00	0.50%		
Copper	Feb	709.00	704.15	705.90	-1.75	-0.25%		
Lead	Feb	177.40	176.10	176.80	0.15	0.08%		
Nickel	Feb	1368.80	1368.80	1368.80	5.00	0.37%		
Zinc	Feb	208.25	205.90	207.70	1.00	0.48%		

Source - Bloomberg

LME (USD/tonne)								
Commodity	Contract	High	Low	Close	Change	% Change		
Aluminium	3 Month	2244.5	2207.5	2235.5	10.00	0.45%		
Copper	3 Month	8253.5	8188.5	8197.0	-63.00	-0.76%		
Lead	3 Month	2032.0	1996.0	2016.0	18.00	0.90%		
Nickel	3 Month	16575.0	16215.0	16346.0	85.00	0.52%		
Zinc	3 Month	2326.0	2293.0	2312.5	-2.00	-0.09%		

Source - Bloomberg

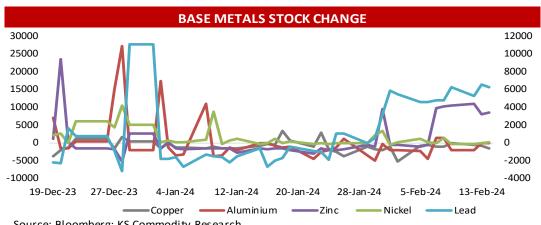
	LME Inventories							
Commodity	Opening Stocks	Closing Stocks	Net Change	On Warrnats	Total Cancel Warrants (C/W)	C/W Ratio*		
Aluminium	525225	525100	-125	324350	200750	38.23%		
Copper	135450	133825	-1625	113150	20675	15.45%		
Lead	162475	168725	6250	147325	21400	12.68%		
Nickel	71946	71970	24	66414	5556	7.72%		
Zinc	246400	254825	8425	224725	30100	11.81%		
Source - Bloomberg				*C/W- Cance	elled Warrants			

LME Cash to 3 month spread (USD/tonne)									
Commodity Close PCP Change									
Aluminium	-25.18	-27.15	1.97						
Copper	-100.00	-104.50	4.50						
Lead	14.67	10.20	4.47						
Nickel	-256.50	-256.00	-0.50						
Zinc	-23.75	-23.50	-0.25						
Source - Bloomberg									

Metals – LME base metals closed on a mixed note yesterday as pullback in dollar from three month highs provided some respite.

LME Copper extended declines and slipped below \$8200/tonne as unexpectedly higher US inflation figures further dented expectations that Fed officials will start cutting borrowing costs as early as next month. Bets of a March rate cut were slashed to 8% from nearly 80% last month, wagers of May cut were also trimmed to 34% while Fed swaps shifted the full pricing of rate cut to July from June. However, sharp downside was capped as copper stocks in LME-registered warehouses fell to 133,888 tonnes, lowest level since September. Also, dollar retreated from 104.97, highest levels since November, as investors consolidated gains following sharp rebound in the previous session on hotter than expected inflation figures in January. LME Aluminium gained 0.5% while Lead jumped 1% and closed above \$2000/tonne. Zinc closed flat despite continued inflows of the metal into LME warehouses. LME Zinc stocks now stands at 254,825 tonnes, highest since June 2021.

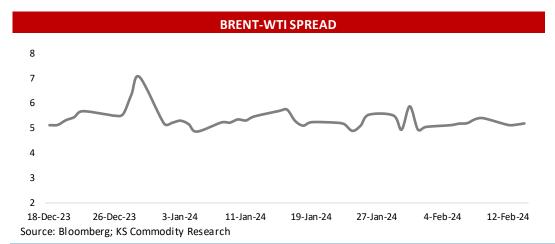
Today, metals see a modest recovery as dollar continued to edge away from recent highs. However, sharp sustained upside is unlikely amid thin trading volumes as Chinese markets are closed for Lunar New Year holiday. Also, Fed officials stick to cautious approach to rate cuts. Fed Vice Chair for Supervision Michael Barr said US policymakers need to see more data showing inflation is heading back to target levels before they start cutting rates. Already, chance of rate cut in the following meeting in early May stands at 1-in-3, down from almost full certainty two weeks ago.



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

Crude Oil - WTI Crude oil futures fell 1.6% on Wednesday after an unexpected crude stock buildup in US. The EIA inventory data released yesterday showed that stocks of crude oil in the US soared by 12.018 million barrels during the prior week, the most since early-November and more than market expectations of a 2.56 million increase. A combination of major unplanned outages since a mid-January winter storm and planned turnarounds led to a slump in refining to its lowest levels since the last week of December 2022, when Winter Storm Elliott similarly knocked scores of refineries offline. US gasoline and distillate stocks fell more than expected by 3.7 million barrels and 1.9 million barrels, respectively, as refinery outages curtailed production. Meanwhile, heightened geo-political tensions in the middle east provided some cushion against prospects of higher rates in US. Investors might watch for IEA monthly report to be released later today.

Natural Gas - NYMEX Henry Hub gas prices plunged for the seventh consecutive day and closed at a fresh seven month low, as forecasts for much of the country warmed, signaling demand will stay relatively low for the heating fuel. According to Maxar, forecasts for much of the eastern two-thirds of the US are see warming temperatures through 25-28th March. Weak LNG exports coupled with higher output are also weighing on balances. Investors keenly await the EIA storage data later today which is expected to show a drawdown of 67 bcf during the previous week, compared with a five year average decline of 149 bcf. Currently storages are 10.6% above seasonal average and if the data comes in line with expectations, it might further increase the gap, weighing on prices.



CRUDE OIL									
MCX Crue	MCX Crude Oil (Rs/barrel) as 14-Feb								
Contract	High	Low	Close	Change	% Change				
Feb	6543	6382	6397	-93	-1.4				
Mar	6526	6368	6378	-108	-1.7				
NYMEX V	VTI Crude	Oil (USD/k	parrel)						
Mar	78.77	76.38	76.64	-1.23	-1.6				
Apr	78.43	76.12	76.36	-1.20	-1.5				
ICE Bren	it Crude O	il (USD/bar	rel)						
Apr	83.6	81.39	81.6	-1.17	-1.4				
May	82.94	80.78	80.99	-1.08	-1.3				
NYMEX	Heating O	il (USD cen	ts/gallon)						
Mar	291.08	280	281.01	-8.58	-3.0				
Apr	284	274.49	275.47	-7.38	-2.6				
NYMEX	Gasoline (USD cents	/gallon)						
Mar	240.69	230.96	231.69	-7.77	-3.2				
Apr	263.38	254.52	255.22	-6.74	-2.6				
Spread (US	SD/barrel)		Close	Prev.	% Change				
ICE Brent-	NYMEX W	TI	5.24	5.21	0.03				
NYMEX 3-2	2-1 Crack S	pread	27.57	29.72	-2.15				
Course MCV. Die orohora									

Source: MCX; Bloomberg

- Source Medical Medical									
NATURAL GAS									
MCX Natural Gas (Rs/mmBtu)									
Contract	High	Low	Close	Change	% Change				
Feb	141.3	133.7	135.1	-4.60	-3.3				
Mar	148.1 140.2		141.3	-4.60	-3.2				
NYMEX Natural Gas (USD/mmBtu)									
Mar	1.685	1.59	1.609	-0.08	-4.7				
Apr	1.744	1.64	1.665	-0.08	-4.4				
Spread/Ra	tio		Close	Prev.	% Change				
WTI-Natga	s Ratio		47.63	46.10	1.53				
MCX WTI-N	Natgas Rat	io	47.35	46.46	0.89				
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

	Commodity	S3	S2	S1	Pivot	R1	R2	R3	Breakout	Breakout	Breakdown	Breakdown
Index	MCX BULLDEX Feb	15650	15699	15744	15793	15838	15887	15932	Above 15844	Target 15886	Below 15740	Target 15698
mack	Spot Gold	1975.1	1979.7	1986.9	1991.6	1998.8	2003.4	2010.6	1998.9	2004.3	1985.8	1980.5
S	MCX Gold Apr	60986	61088	61274	61376	61562	61664	61850	61601	61732	61285	61154
	MCX Gold Jun	61383	61472	61652	61741	61921	62010	62190	61954	62076	61658	61536
Precious Metals	MCX Gold Mini Feb	60709	60816	60998	61105	61287	61394	61576	61329	61460	61011	60880
ğ	MCX Gold Mini Mar	61069	61153	61331	61415	61593	61677	61855	61616	61735	61328	61209
SI	Spot Silver	21.45	21.70	21.95	22.20	22.50	22.75	23.00	22.65	22.90	22.10	21.85
.8	MCX Silver Mar	68068	68598	69240	69770	70412	70942	71584	70797	71341	69507	68963
Pre	MCX Silver May	69507	70042	70630	71165	71753	72288	72876	72164	72684	70928	70408
	MCX Silver Mini Feb	68346	68808	69425	69887	70504	70966	71583	70822	71323	69636	69135
	MCX Silver Mini Apr	69839	70284	70885	71330	71931	72376	72977	72203	72687	71053	70569
	LME Copper	8111	8150	8176	8215	8241	8280	8306	8233	8262	8161	8132
	MCX Copper Feb	699.2	701.7	704.0	706.5	708.9	711.4	713.7	708.6	710.8	703.3	701.1
	MCX Copper Mar	706.1	708.4	710.7	713.1	715.4	717.7	720.0	714.6	716.7	709.5	707.4
S	LME Zinc	2260	2277	2293	2310	2326	2343	2359	2331	2346	2294	2279
Industrial Metals	MCX Zinc Feb	203.6	204.7	205.9	207.1	208.3	209.4	210.6	209.0	210.1	206.4	205.4
Me	MCX Zinc Mar	204.6	205.8	206.8	208.0	209.0	210.2	211.2	209.6	210.6	207.2	206.2
-	LME Lead	1952	1974	1988	2010	2024	2046	2060	2036	2052	1996	1980
Э	MCX Lead Feb	174.9	175.5	176.2	176.8	177.5	178.1	178.8	177.5	178.1	176.1	175.5
ş	MCX Lead Mar	177.9	178.4	178.8	179.3	179.7	180.2	180.6	179.8	180.2	178.8	178.4
<u>=</u>	LME Nickel	15746	15980	16106	16340	16466	16700	16826	16544	16709	16148	15983
	LME Aluminium	2174	2191	2211	2228	2248	2265	2285	2256	2273	2215	2198
	MCX Aluminium Feb	196.7	198.1	199.2	200.5	201.7	203.0	204.1	202.5	203.6	199.8	198.7
	MCX Aluminium Mar	199.7	200.8	202.0	203.1	204.3	205.4	206.6	204.9	206.0	202.4	201.4
	NYMEX Crude Oil	73.65	75.00	76.05	77.40	78.40	79.80	80.80	77.95	79.05	75.35	74.25
	MCX Crude Oil Feb	6194	6288	6355	6449	6516	6610	6677	6486	6558	6308	6236
rg)	MCX Crude Oil Mar	6184	6276	6342	6434	6500	6592	6658	6465	6536	6291	6220
Energy	NYMEX Natural Gas	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.65	1.70	1.55	1.50
ш	MCX Natural Gas Feb	126.40	130.00	134.00	137.70	141.60	145.30	149.20	139.30	142.80	130.90	127.40
	MCX Natural Gas Mar	132.70	136.40	140.60	144.30	148.50	152.30	156.40	145.60	149.30	137.00	133.30

Source - Bloomberg; KS Commodity Research

<u>Pivot:</u> 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 1	L4-Feb-24		
	Gold	Silver	Crude Oil	Natural gas	Copper	Zinc	Nickel
Call Vol (lots)	3148	25040	851885	331281	30	0	0
Put Vol (lots)	1443	8744	866179	282959	7	0	0
Call OI (lots)	3499	12741	45190	179892	101	10	0
Put OI (lots)	1329	4673	54684	59544	51	4	0
Put Call Ratio (Vol)	0.46	0.35	1.02	0.85	0.23	-	-
Put Call Ratio(OI)	0.38	0.37	1.21	0.33	0.50	0.40	-
Turnover Call (crores)	1990.0	5362.0	55919.2	6479.4	5.4	0.0	0.0
Turnover Put (crores)	877.1	1832.4	55957.9	5049.6	1.3	0.0	0.0
Max Call Vol (lots)	1415	9021	271525	90489	21	0	0
Max Call Vol Strike	62000	70000	6500	140	720	-	-
Max Put Vol (lots)	447	3228	225153	86287	5	0	0
Max Put Vol Strike	60000	69000	6500	140	705	-	-
Max Call OI (lots)	1160	2113	3893	16853	37	3	0
Max Call OI Strike	63000	72000	6500	180	730	220	-
Max Put OI (lots)	394	871	7559	7518	21	3	0
Max Put OI Strike	62000	70000	6100	140	700	210	-

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)	-363	-353	Widening				
Silver 1M-2M (Rs/kg)	-1394	-1461	Narrowing				
Copper 1M-2M (Rs/kg)	-6.15	-6.65	Narrowing				
Aluminiun 1M-2M (Rs/kg)	-2.55	-2.55					
Lead 1M-2M (Rs/kg)	-2.45	-2.50	Narrowing				
Nickel 1M-2M (Rs/kg)	0.00	0.00					
Zinc 1M-2M (Rs/kg)	-0.70	-1.15	Narrowing				
Crude 1M-2M (Rs/bbl)	19.00	4.00	Widening				
Natural gas 1M-2M (Rs/mmBtu)	-6.20	-6.20					
Aluminium-Lead (Rs/kg)	24.30	23.45	Widening				
Zinc- Aluminium (Rs/kg)	6.60	6.60					
Zinc-Lead (Rs/kg)	30.90	30.05	Widening				
Gold Silver Ratio	0.88	0.88	Narrowing				
Crude/NG Ratio	47.35	46.46	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/websitecomplaints/websitecomplaints/websitecomplaints/ and https://www.epass.nsdl.com/complaints/websitecomplaints/websitecomplaints/.