METALS & ENERGY

Market Overview

Currencies	Close	Previous Close	% Change
Dollar Index	103.54	104.15	-0.59%
Euro/USD	1.079	1.076	0.28%
GBP/USD	1.259	1.256	0.27%
USD/YEN	144.13	147.31	-2.16%
USD/INR	83.36	83.33	0.04%

Source: Bloomberg

Global Indices	Close	Previous Close	% Change
DJIA	36,117.38	36,054.43	0.17%
FTSE 100	7,513.72	7,515.38	-0.02%
Nikkei	32,858.31	33,445.90	-1.76%
Nifty 50	20,901.15	20,937.70	-0.17%
Shanghai	2,966.21	2,968.93	-0.09%

Source: Bloomberg

Global risk appetite limited ahead of US non-farm payrolls report, which may provide more evidence of a cooling labor market

COMEX Gold is set for its first weekly loss in four amid signs that aggressive bets on the Fed unwinding monetary tightening may be over-optimistic

US Recurring jobless claims, a proxy for the number of people continuously receiving unemployment benefits, decreased by 64,000, the most since July, to 1.86 million in the week ended Nov. 25

WTI Crude trades above \$70/bbl, but is headed for more than 6% weekly drop, as concerns about global oversupply and doubts regarding OPEC+ compliance to output cuts bothers markets

LME base metals mostly trade higher as traders assess strengthening Chinese exports ahead of US jobs data

Today, US labor report will be keenly awaited for additional indications of the labor market softening

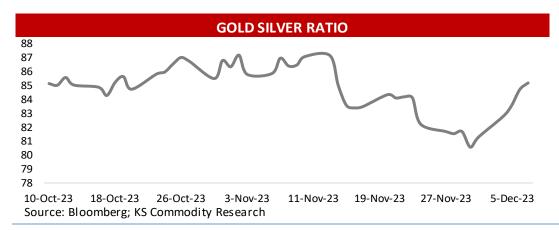
Data and Events due today (Source: Forex factory)

	IST	Currency	Data	Forecast	Previous	Importance
08-Dec-2023	19:00	USD	Average Hourly Earnings m/m	0.3%	0.2%	High
	19:00	USD	Non-Farm Employment Change	185K	150K	High
	19:00	USD	Unemployment Rate	3.9%	3.9%	High
	20:30	USD	Prelim UoM Consumer Sentiment	62.00	61.30	High
	20:30	USD	Prelim UoM Inflation Expectations		4.5%	Medium

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

Gold - COMEX Gold prices are poised for the first weekly loss in four, as prices eased from an all time high of \$2,152.3 per troy ounce touched this week. World Gold Council reported that Gold ETF outflows narrowed significantly in November, while China added to its gold reserves for a 13th consecutive month in November, according to data from the People's Bank of China, supporting physical gold demand at a time when record higher prices might have an impact on Jewelry demand in top consumer nations. A slew of US Jobs market indicators released this week added to growing evidence of a cooling labor market and investors keenly await the official Non-farm payrolls data today. ADP employment and JOLTs job opening figures came below expectations, while jobless claims and Challenger Job cuts rose. The US non-farm payrolls rose 150k in October (vs prepandemic average of 180k) and unemployment rate ticked higher to 3.9%, from 3.8% in September (and 3.4% at the start of 2023). Any signs of persistence in US Labour market weakness might further bolster gold prices.

Silver - COMEX Silver prices extended declines for the fourth straight day and is poised for a weekly loss of more than 6%, tracking weakness in bullions and base metals. Chinese trade data released yesterday showed that China's imports unexpectedly shrank in November from a Covid-hit period a year ago, while exports edged up from a low base, suggesting the nation's slowing economy still hasn't bottomed out. Policymakers' efforts to step up growth this year have focused more on stimulating supply and stabilizing the property market rather generating demand. Volatility is expected for the day, ahead of the much awaited US Jobs data.



	C	OMEX as on	7-Dec-23						
Gold (US dollar per troy ounce)									
Contract	High	Low	Close	Change	% Change				
Feb	2057.2	2036.6	2046.4	-1.5	-0.07%				
Apr	2076.3	2056.0	2065.8	-1.5	-0.07%				
Silver (US do	ollar per tro	y ounce)							
Mar	24.35	23.91	24.06	-0.17	-0.7%				
May	24.58	24.16	24.30	-0.17	-0.7%				
		MCX as on	7-Dec-23						
Gold (Rupe	es per 10 gra	ıms)							
Feb	62736	62222	62466	26	0.0%				
Apr	63104	62600	62822	18	0.0%				
Silver (Rupe	es per kilog	ram)							
Mar	74961	74000	74313	-518	-0.7%				
May	76050	75158	75464	-505	-0.7%				
MCX Bullion	Index (poir	nts)							
Dec	16345	16211	16250	-65	-0.4%				
6 846	. 51								

Source: MCX; Bloomberg

Volume and OI Analysis (MCX)									
Gold	Vol (lots)	Change (%)		OI (lots)	Change (%)				
Feb	4502	-0.2	Feb	16339	-1.9				
Apr	349	73. 6	Apr	745	37.5				
Silver									
Mar	17350	7.8	Mar	14268	-2.4				
May	499	-8.3	May	844	2.8				

Source: MCX; Bloomberg

MCX Spread Matrix (Regular 1 KG)								
Gold	Feb	Apr	Jun	Aug				
Feb	0	-356	-708	62466				
Apr			-352	62822				
Jun				63174				
Aug				0				

Source: MCX; KS Commodity Research

MCX Spread Matrix (Regular 30 KG)									
Silver	Mar	May	Jul	Sep					
Mar	0	-1151	-2871	74313					
May			-1720	75464					
Jul				77184					
Sep				0					

Source: MCX; KS Commodity Research

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

December 7, 2023									
MCX India (Rs/kg)									
Commodity	Contract	High	Low	Close	Change	% Change			
Aluminium	Dec	197.10	194.50	195.10	-1.25	-0.64%			
Copper	Dec	715.30	708.35	715.20	6.85	0.97%			
Lead	Dec	182.80	182.00	182.15	-0.45	-0.25%			
Nickel	Dec	1415.00	1415.00	1415.00	4.60	0.33%			
Zinc	Dec	219.95	217.20	217.60	-1.25	-0.57%			

Source - Bloomberg

LME (USD/tonne)								
Commodity	Contract	High	Low	Close	Change	% Change		
Aluminium	3 Month	2156.5	2131.0	2132.5	-16.00	-0.74%		
Copper	3 Month	8371.5	8253.0	8342.0	56.00	0.68%		
Lead	3 Month	2044.0	2016.0	2018.0	-11.00	-0.54%		
Nickel	3 Month	16685.0	16160.0	16508.0	290.00	1.79%		
Zinc	3 Month	2442.0	2403.5	2406.5	-22.00	-0.91%		

Source - Bloomberg

LME Inventories								
0	Opening	Closing	Net	On	Total Cancel	C/W		
Commodity	Stocks	Stocks	Change	Warrnats	Warrants (C/W)	Ratio*		
Aluminium	443000	442500	-500	199525	242975	54.91%		
Copper	182075	182750	675	142375	40375	22.09%		
Lead	136100	133625	-2475	97350	36275	27.15%		
Nickel	46368	48360	1992	45270	3090	6.39%		
Zinc	218650	218550	-100	161475	57075	26.12%		

Source - Bloomberg

*C/W- Cancelled Warrants

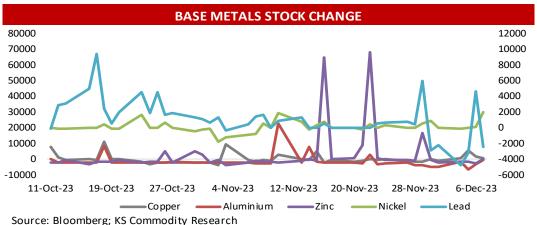
LME Cash to 3 month spread (USD/tonne)										
Commodity	Commodity Close PCP Change									
Aluminium	-36.25	-39.33	3.08							
Copper	-84.00	-84.75	0.75							
Lead	-44.75	-37.74	-7.01							
Nickel	-202.00	-203.50	1.50							
Zinc	-15.00	-9.15	-5.85							

Source - Bloomberg

Metals – LME base metals closed mixed yesterday as surprise uptick in Chinese exports in November offset some concerns about Chinese economic outlook.

LME Copper rebounded sharply from low of \$8238/tonne hit in the previous session to \$8371.5/tonne yesterday supported by weakness in dollar as US continuing jobless claims remained near a two-year high despite a sharp decline in the Thanksgiving week, providing more evidence of a cooling labor market. US Recurring jobless claims, a proxy for the number of people continuously receiving unemployment benefits, decreased by 64,000, the most since July, to 1.86 million in the week ended Nov. 25. Also, Yangshan copper premium rebounded to one year high of \$112.50 a tonne, suggesting higher demand for imported copper into top consumer China. Further, China's exports surprised with an uptick for the first time in seven months in November. However, sharp upside was restricted as Moody's downgrade for Chinese sovereign bonds and financial institutions weakened the mainland nation's economic outlook. LME Aluminium hit a three month low of \$2131/tonne while Lead and Zinc closed lower by 0.5% and 0.9% respectively.

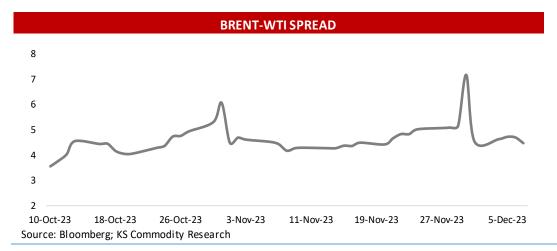
Today, base metals are mostly trading higher as traders assess strengthening Chinese exports ahead of US jobs data. However, sharp upside will be capped ahead of US labor report, which may drop hints in shaping bets for monetary policy. Also, uptick in bond yields amid increasing bets that the Bank of Japan will scrap the world's last negative interest-rate regime as soon as this month following comments by BOJ Governor Kazuo Ueda and one of his deputies, may keep investors wary.



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

Crude Oil - WTI Crude oil futures extended losses for the sixth straight day and closed marginally lower near a five month low after a bearish EIA inventory report, signs of weak demand and surging US oil exports pressurizing prices. Heightened economic uncertainties in top crude importer China also weighed on the market, with Moody's cutting its outlook on China's government credit rating from stable to negative. Oil prices are headed for the longest streak of weekly decline since 2018 (seventh weeks in a row) on escalating concerns about a global glut, with traders doubtful that deeper supply cuts by OPEC+ will be effective. OPEC+ members announced additional cuts of 2.2 million bpd last week for the 1Q 2024, with fresh curbs of around 0.9 mbpd, but investors remain skeptic about actual reduction amid seasonal weakness in domestic demand during the period.

Natural Gas - NYMEX Henry Hub gas prices closed slightly higher on Thursday after data showed an unexpected inventory drawdown. EIA data released yesterday showed that US utilities pulled 117 bcfd of gas from storage during the previous week, more than market expectations of a 105 bcf drop. That compares with a withdrawal of 30 bcf in the same week last year and a five-year average decline of 48 bcf. Last week's decrease cut stockpiles to 3.719 tcf, 254 bcf higher than last year at this time and 234 bcf above the five-year average of 3.485 tcf. However, warmer weather forecasts and higher domestic production capped the gains. According to Atmospheric G2, warmth across the north-central US and a lack of significant or sustainable cold in other parts of the country will keep demand for heating fuels much lower than normal through 12-16th December.



CRUDE OIL									
MCX Crude Oil (Rs/barrel) as 7-Dec									
Contract	High	Low	Close	Change	% Change				
Dec	5892	5755	5802	-18	-0.3				
Jan	5931	5812	5850	-24	-0.4				
NYMEX \	WTI Crude	Oil (USD/b	parrel)						
Jan	70.48	68.8	69.34	-0.04	-0.1				
Feb	70.7	69.08	69.59	-0.06	-0.1				
ICE Bren	nt Crude O	il (USD/bar	rel)						
Feb	75.48	73.6	74.05	-0.25	-0.3				
Mar	75.59	73.85	74.24	-0.21	-0.3				
NYMEX	Heating O	il (USD cen	ts/gallon)						
Jan	262	254.68	254.92	-2.70	-1.0				
Feb	258.01	251.62	251.81	-1.96	-0.8				
NYMEX	Gasoline ((USD cents	/gallon)						
Jan	205.19	199.8	200.12	-2.90	-1.4				
Feb	205.58	200.56	200.85	-2.57	-1.3				
Spread (U	SD/barrel)		Close	Prev.	% Change				
ICE Brent-	NYMEX W	TI	4.46	4.65	-0.19				
NYMEX 3-2	2-1 Crack S	pread	22.38	23.53	-1.15				
Source: MCX;Bloomberg									

Source: Mex, bloomberg									
NATURAL GAS									
MCX Natural Gas (Rs/mmBtu)									
Contract	High	Low	Close	Change	% Change				
Dec	218.8	207.3	214.8	-0.20	-0.1				
Jan	213.8	206	211.2	-1.70	-0.8				
	NYMEX Natural Gas (USD/mmBtu)								
Jan	2.621	2.489	2.585	0.02	0.6				
Feb	2.555	2.436	2.52	0.00	0.1				
Spread/Rat	tio		Close	Prev.	% Change				
WTI-Natga	s Ratio		26.82	27.01	-0.18				
MCX WTI-N	latgas Rat	io	27.01	27.07	-0.06				

Source: MCX; Bloomberg

Devanshi Mehta devanshi.mehta@kotak.com Abhijit Chavan chavan.abhijit@kotak.com





Source:-Tradingview, KS Commodity Research





	Commodity	S3	S2	S1	Pivot	R1	R2	R3	Breakout Above	Breakout Target	Breakdown Below	Breakdown Target
Index	MCX BULLDEX Dec	15991	16111	16202	16322	16413	16533	16624	16431	16527	16199	16103
Precious Metals	Spot Gold	1994.6	2006.0	2013.2	2024.6	2031.8	2043.2	2050.4	2035.8	2044.2	2015.4	2006.9
	MCX Gold Feb	61796	61999	62162	62365	62528	62731	62894	62641	62807	62239	62073
	MCX Gold Apr	62202	62397	62559	62754	62916	63111	63273	63000	63162	62608	62446
	MCX Gold Mini Jan	61673	61864	62037	62228	62401	62592	62765	62469	62634	62069	61904
Σ	MCX Gold Mini Feb	61828	62027	62171	62370	62514	62713	62857	62638	62793	62260	62105
Smc	Spot Silver	23.30	23.60	23.80	24.05	24.25	24.55	24.75	24.15	24.40	23.65	23.40
č	MCX Silver Mar	73722	74237	74669	75184	75616	76131	76563	75352	75779	74310	73883
P	MCX Silver May	74949	75428	75836	76315	76723	77202	77610	76457	76857	75481	75081
	MCX Silver Mini Feb	73900	74351	74742	75193	75584	76035	76426	75339	75719	74413	74033
	MCX Silver Mini Apr	75063	75486	75853	76276	76643	77066	77433	76407	76763	75538	75181
	LME Copper	8043	8140	8227	8324	8411	8508	8595	8387	8471	8185	8101
	MCX Copper Dec	696.3	701.7	706.3	711.7	716.3	721.7	726.3	713.9	718.4	702.9	698.4
	MCX Copper Jan	704.9	709.3	713.7	718.1	722.4	726.8	731.2	719.9	723.8	710.2	706.3
S	LME Zinc	2348	2380	2403	2435	2458	2490	2513	2459	2484	2398	2373
ta	MCX Zinc Dec	213.7	215.9	217.4	219.6	221.0	223.2	224.7	220.9	222.5	216.9	215.2
Industrial Metals	MCX Zinc Jan	215.8	217.8	219.1	221.0	222.3	224.3	225.6	222.0	223.5	218.4	217.0
e	LME Lead	1965	1994	2015	2044	2066	2095	2116	2057	2080	2001	1978
it.	MCX Lead Dec	180.4	181.0	182.1	182.7	183.8	184.3	185.5	183.6	184.3	181.7	180.9
ä	MCX Lead Jan	181.8	182.6	183.4	184.1	184.9	185.7	186.5	184.8	185.5	183.1	182.4
Ĕ	LME Nickel	15249	15715	15899	16365	16549	17015	17199	16576	16870	15861	15566
	LME Aluminium	2112	2126	2142	2156	2172	2186	2202	2165	2178	2132	2119
	MCX Aluminium Dec	193.4	194.7	196.0	197.4	198.7	200.1	201.3	197.8	199.0	194.9	193.7
	MCX Aluminium Jan	195.5	196.8	198.0	199.3	200.5	201.8	203.0	199.7	200.9	197.0	195.9
Energy	NYMEX Crude Oil	65.50	67.30	69.00	70.80	72.50	74.30	75.95	71.30	72.90	67.45	65.90
	MCX Crude Oil Dec	5513	5649	5797	5933	6081	6217	6365	5976	6106	5664	5534
	MCX Crude Oil Jan	5602	5726	5862	5986	6122	6246	6382	6017	6135	5731	5613
	NYMEX Natural Gas	2.30	2.45	2.55	2.65	2.75	2.85	2.95	2.70	2.80	2.45	2.35
	MCX Natural Gas Dec	196.70	205.60	212.90	221.80	229.10	237.90	245.30	223.90	231.20	206.10	198.80

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	S MONIT	OR AS ON 7	'-Dec-23		
	Gold	Silver	Crude Oil	Natural gas	Copper	Zinc	Nickel
Call Vol (lots)	1287	1554	889147	186889	67	13	0
Put Vol (lots)	2340	1689	789928	159706	40	0	0
Call OI (lots)	1259	2077	118352	67508	115	17	0
Put OI (lots)	2017	2049	30288	40903	45	0	0
Put Call Ratio (Vol)	1.82	1.09	0.89	0.85	0.60	0.00	-
Put Call Ratio(OI)	1.60	0.99	0.26	0.61	0.39	0.00	-
Turnover Call (crores)	824.6	367.5	55489.2	5768.0	12.2	1.5	0.0
Turnover Put (crores)	1434.7	380.4	47031.7	4550.0	7.1	0.0	0.0
Max Call Vol (lots)	569	486	211398	43431	54	13	0
Max Call Vol Strike	63000	75000	6000	230	720	220	-
Max Put Vol (lots)	666	487	157064	38382	17	0	0
Max Put Vol Strike	61000	75000	6000	220	710	-	-
Max Call OI (lots)	357	515	17169	9828	90	8	0
Max Call OI Strike	65000	80000	6000	260	720	225	-
Max Put OI (lots)	434	449	4152	6069	16	8	0
Max Put OI Strike	60000	70000	5500	230	720	230	-

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)	-356	-364	Narrowing				
Silver 1M-2M (Rs/kg)	-1151	-1138	Widening				
Copper 1M-2M (Rs/kg)	-5.90	-6.70	Narrowing				
Aluminiun 1M-2M (Rs/kg)	-1.90	-2.00	Narrowing				
Lead 1M-2M (Rs/kg)	-1.55	-1.30	Widening				
Nickel 1M-2M (Rs/kg)	0.00	0.00					
Zinc 1M-2M (Rs/kg)	-1.70	-1.35	Widening				
Crude 1M-2M (Rs/bbl)	-48.00	-54.00	Narrowing				
Natural gas 1M-2M (Rs/mmBtu)	3.60	2.10	Widening				
Aluminium-Lead (Rs/kg)	12.95	13.75	Narrowing				
Zinc- Aluminium (Rs/kg)	22.50	22.50					
Zinc-Lead (Rs/kg)	35.45	36.25	Narrowing				
Gold Silver Ratio	0.84	0.83	Widening				
Crude/NG Ratio	27.01	27.07	Narrowing				

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