METALS & ENERGY

Market Overview

| Currencies | | Close | Previous Close | % Change |
|------------|--------------|--------|-----------------------|----------|
| | Dollar Index | 103.54 | 103.45 | 0.08% |
| | Euro/USD | 1.088 | 1.088 | -0.06% |
| | GBP/USD | 1.271 | 1.268 | 0.24% |
| | USD/YEN | 148.16 | 148.16 | 0.00% |
| | USD/INR | 83.12 | 83.14 | -0.02% |

Source: Bloomberg

| Global Indices | Close | Previous Close | % Change |
|----------------|-----------|-----------------------|----------|
| DJIA | 37,468.61 | 37,266.67 | 0.54% |
| FTSE 100 | 7,459.09 | 7,446.29 | 0.17% |
| Nikkei | 35,466.17 | 35,477.75 | -0.03% |
| Nifty 50 | 21,462.25 | 21,571.95 | -0.51% |
| Shanghai | 2,845.78 | 2,833.62 | 0.43% |

Source: Bloomberg

Markets wary as recent robust US data prompted traders to rethink bets about the prospect for interest rate cuts

COMEX Gold is headed for a weekly decline as an unexpected drop in jobless claims and better-thanestimated retail sales trimmed chances of a rate cut in March

Swaps traders are now pricing in about a 50% chance of a cut in March, down from almost 80% at the end of last week

WTI Crude holds above \$74/bbl after a 2% rally yesterday buoyed by escalating tensions in the Middle East and International Energy Agency (IEA) joined OPEC in forecasting strong growth in global oil demand

The IEA monthly report said it expects oil demand to grow by 1.24 million barrels per day (bpd) in 2024, up 180,000 bpd from its previous projection.

LME base metals see marginal recovery as uncertain US rate outlook and uneven recovery in China continues to weigh on prices

Today, UK retail sales, US Prelim UoM Consumer Sentiment and Inflation Expectations will be in focus

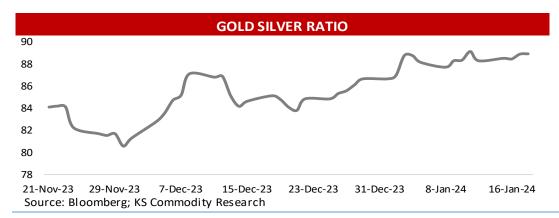
Data and Events due today (Source: Forex factory)

| | IST | Currency | Data | Forecast | Previous | Importance |
|-----------|-------|----------|-----------------------------------|----------|----------|------------|
| 19-Jan-24 | 12:30 | GBP | Retail Sales m/m | -0.5% | 1.3% | High |
| | 15:30 | GBP | ECB President Lagarde Speaks | | | Medium |
| | 20:30 | USD | Prelim UoM Consumer Sentiment | 69.30 | 69.70 | High |
| | 20:30 | USD | Existing Home Sales | 3.83M | 3.82M | Medium |
| | 20:30 | USD | Prelim UoM Inflation Expectations | | 3.1% | Medium |

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

Gold - COMEX Gold prices steadied on Thursday, but remained close to its lowest levels in five weeks as strong US job data coupled with robust retail sales data on the prior day prompted investors to re-price Fed rate cut expectations. Currently, investors are expecting less than 52% chance of a 25 bps cut in March, compared with more than 70% measured last week. US weekly jobless claims unexpectedly declined to 187K, the lowest level since September last year, underscoring the labor market strength, while retail activity in December expanded by 0.6%, above expectations of 0.4% showcasing US consumer's resilience to higher interest rates. On the housing front, building permits and housing starts came above forecasts. Better than expected data improved the conviction that Fed is in no cut to cut rates. Meanwhile, Federal Reserve Bank of Atlanta President Raphael Bostic urged policymakers to proceed cautiously toward interest-rate cuts given the potential economic impact of unpredictable events ranging from elections at home to conflicts around the world. Earlier this week, Federal Reserve Governor Christopher Waller also pushed back against aggressive bets on policy easing. We expect gold prices to be under pressure in the near term, geo-political tensions might provide cushion.

Silver - COMEX Silver prices closely slightly higher on Thursday, tracking an uptick in bullions and weakness in base metals. Weak set Chinese of economic data this week weighed on investor sentiments. Chinese home prices fell the most since 2015 in December as a downturn deepened in the property sector, a pillar of commodities demand. The yield on the 10-year US treasury note rose above 4.1%, its highest in over a month, driven by strong economic data from US, reducing the likelihood of immediate interest rate cuts by the Federal Reserve.



| COMEX as on 18-Jan-24 | | | | | | | | | | |
|-----------------------|-----------------------------------|-----------|-----------|------------|----------|--|--|--|--|--|
| Gold (US dol | Gold (US dollar per troy ounce) | | | | | | | | | |
| Contract High | | Low | Close | Change | % Change | | | | | |
| Feb | 2025.6 | 2007.7 | 2021.6 | 15.1 | 0.75% | | | | | |
| Apr | 2044.9 | 2027.3 | 2041.1 | 15.1 | 0.75% | | | | | |
| Silver (US do | Silver (US dollar per troy ounce) | | | | | | | | | |
| Mar | 22.90 | 22.52 | 22.81 | 0.14 | 0.6% | | | | | |
| May | 23.12 | 22.75 | 23.03 | 0.14 | 0.6% | | | | | |
| | | MCX as on | 18-Jan-24 | | | | | | | |
| Gold (Rupee | s per 10 gra | ms) | | | | | | | | |
| Feb | 61800 | 61482 | 61769 | 264 | 0.4% | | | | | |
| Apr | 62150 | 61891 | 62143 | 262 | 0.4% | | | | | |
| Silver (Rupe | es per kilog | ram) | | | | | | | | |
| Mar | 71658 | 71148 | 71615 | 159 | 0.2% | | | | | |
| May | 72788 | 72358 | 72752 | 106 | 0.1% | | | | | |
| MCX Bullion | Index (poir | nts) | | | | | | | | |
| Jan | 15998 | 15933 | 15970 | 29 | 0.2% | | | | | |
| A ACCUART | | | | | | | | | | |

Source: MCX; Bloomberg

| Volume and OI Analysis (MCX) | | | | | | | |
|------------------------------|------------|-------|-----------|------------|------|--|--|
| Gold | Vol (lots) | | OI (lots) | Change (%) |) | | |
| Feb | 4434 | -39.8 | Feb | 6944 | -7.2 | | |
| Apr | 1119 | -36.6 | Apr | 9096 | 7.0 | | |
| Silver | | | | | | | |
| Mar | 11627 | -35.5 | Mar | 27926 | 3.5 | | |
| May | 491 | -50.4 | May | 3074 | 3.4 | | |
| | | | | | | | |

Source: MCX; Bloomberg

| MCX Spread Matrix (Regular 1 KG) | | | | | | | | | |
|----------------------------------|-----|------|------|------|--|--|--|--|--|
| Gold | Feb | Apr | Jun | Aug | | | | | |
| Feb | 0 | -374 | -647 | -876 | | | | | |
| Apr | | | -273 | -502 | | | | | |
| Jun | | | | -229 | | | | | |
| Aug | | | | 0 | | | | | |

Source: MCX; KS Commodity Research

| MCX Spread Matrix (Regular 30 KG) | | | | | | | | |
|-----------------------------------|---|-------|-------|-------|--|--|--|--|
| Silver Mar May Jul Sep | | | | | | | | |
| Mar | 0 | -1137 | -2401 | -3552 | | | | |
| May | | | -1264 | -2415 | | | | |
| Jul | | | | -1151 | | | | |
| Sep | | | | 0 | | | | |

Source: MCX; KS Commodity Research

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

January 18, 2024 MCX India (Rs/kg) High Low Close Commodity Contract Change % Change -1.30 Aluminium 199.10 197.30 197.45 -0.65% Jan Copper Jan 715.95 710.55 713.35 0.05 0.01% Lead 180.85 179.10 180.25 -0.15 -0.08% Jan Nickel Jan 1386.70 1386.70 1386.70 0.40 0.03% Zinc Jan 221.00 218.45 219.45 -0.90 -0.41%

Source - Bloomberg

| LME (USD/tonne) | | | | | | | | | |
|-----------------|----------|---------|---------|---------|--------|----------|--|--|--|
| Commodity | Contract | High | Low | Close | Change | % Change | | | |
| Aluminium | 3 Month | 2192.5 | 2162.0 | 2163.5 | -14.50 | -0.67% | | | |
| Copper | 3 Month | 8329.0 | 8245.0 | 8310.0 | 42.00 | 0.51% | | | |
| Lead | 3 Month | 2080.5 | 2049.0 | 2076.5 | 12.50 | 0.61% | | | |
| Nickel | 3 Month | 16270.0 | 16010.0 | 16156.0 | 77.00 | 0.48% | | | |
| Zinc | 3 Month | 2478.5 | 2443.0 | 2462.5 | -3.50 | -0.14% | | | |

Source - Bloomberg

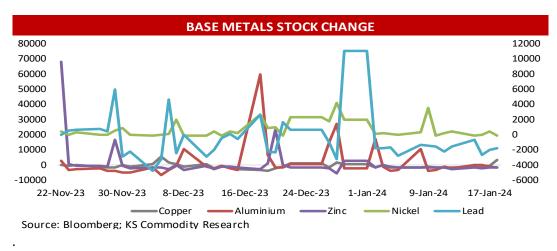
| | LME Inventories | | | | | | | |
|----------------|-------------------|-------------------|---------------|----------------|--------------------------------|---------------|--|--|
| Commodity | Opening Stocks | Closing Stocks | Net Change | On Warrnats | Total Cancel Warrants (C/W) | C/W Ratio* | | |
| Aluminium | 557675 | 556300 | -1375 | 353075 | 203225 | 36.53% | | |
| Copper | 154075 | 157325 | 3250 | 130675 | 26650 | 16.94% | | |
| Lead | 114350 | 112625 | -1725 | 83375 | 29250 | 25.97% | | |
| Nickel | 69510 | 69438 | -72 | 65850 | 3588 | 5.17% | | |
| Zinc | 205700 | 204125 | -1575 | 161750 | 42375 | 20.76% | | |
| Source - Bloom | berg | | | *C/W- Cance | elled Warrants | | | |

| LME Cash to 3 month spread (USD/tonne) Commodity Close PCP Change | | | | | | | | |
|--|---------|---------|------|--|--|--|--|--|
| | | | | | | | | |
| Copper | -86.20 | -93.75 | 7.55 | | | | | |
| Lead | -26.00 | -33.48 | 7.48 | | | | | |
| Nickel | -238.00 | -240.00 | 2.00 | | | | | |
| Zinc | -13.26 | -17.75 | 4.49 | | | | | |
| Source - Bloomberg | | | | | | | | |

Metals – LME base metals closed mixed yesterday as some counters attempted recovery while reduced rate cut bets and patchy economy recovery in China continued to weigh on demand outlook.

LME Copped remained near a six week low at \$8245/tonne yesterday as Dollar extended gains owing to more signs of a resilient US economy. US unemployment claims fell 16,000 last week to 187,000, lowest level in nearly 1-1/2 years, suggesting job growth likely remained solid in January. This indicated job growth likely remained solid in January and hence pushed Swaps traders to trim bets of a March rate cut to about 50%, down from almost 80% at the end of last week. Also, Atlanta Federal Reserve President Raphael Bostic expects policymakers to start cutting rates in the third quarter of this year, saying Thursday that inflation is well on its way back to the central bank's goal. LME Aluminium and Zinc extended declines amid fragile situation of the Chinese property market. LME Aluminium have jumped more than 25% in the last one month indicating ample supplies on the exchange. China's customs data showed imports of aluminium jumped 28% to 3.06 million metric tonnes in 2023, as robust demand and higher prices drew more shipments into the world's biggest consumer market for the metal.

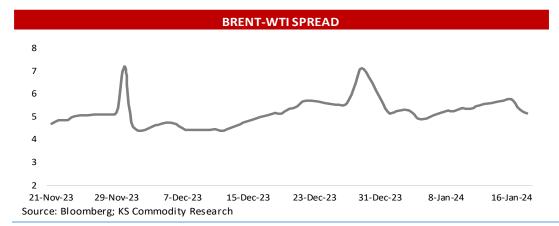
Today, base metals are trading higher in an attempt to recovery amid softer US dollar. However, sharp upside is unlikely as recent robust US economic data prompted traders to rethink bets about the prospect for interest rate cuts.



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

Crude Oil - WTI Crude oil futures rose more than 2% on Thursday, amid production outages in US coupled with upbeat demand forecasts from IEA and OPEC in the monthly outlook. The IEA in its monthly report made a further upward revision to its 2024 oil demand growth forecast, though its projection remains dramatically lower than producer group OPEC's expectations. The Paris-based agency's forecast predicts that global oil consumption will rise by 1.24 mbpd in 2024, compared with OPEC's 2.25 million bpd projection. On top of that, US oil output from North Dakota fell amid extreme cold weather. EIA inventory data released yesterday showed that stocks of crude oil in US fell by 2.492 million barrels during the previous week, but gasoline and distillate stocks edged higher. Despite the US airstrikes, on Houthi targets in Yemen, the militant group continues to menace shipping off the coast, forcing many vessels to make costly diversions.

Natural Gas - NYMEX Henry Hub gas prices pared early gains and closed lower on Thursday, after a weak EIA inventory report. Data showed that US utilities pulled 154 bcf of natural gas from storages during the previous week compared with a withdrawal of 68 bcf in the same week last year and a five-year average decline of 126 bcf. Last week's decrease cut stockpiles to 3.182 tcf, 350 bcf (12.4%) higher than last year at this time and 320 bcf (11.2%) above the five-year average of 2.862 tcf. According to Atmospheric G2, warmer-than-normal temperatures is expected across most of the US from 28th Jan – 1st Feb, with the exception of parts of Texas and the south-central portions of the country. European natural gas edged higher after a three-day slump, with traders shifting their focus to next season and the potential risks for rebuilding fuel inventories during summer.



| | CRUDE OIL | | | | | | | | |
|------------|-------------------------------------|-------------|------------|--------|----------|--|--|--|--|
| MCX Cru | MCX Crude Oil (Rs/barrel) as 18-Jan | | | | | | | | |
| Contract | High | Low | Close | Change | % Change | | | | |
| Jan | 6173 | 6000 | 6152 | 180 | 3.0 | | | | |
| Feb | 6172 | 6018 | 6157 | 152 | 2.5 | | | | |
| NYMEX V | WTI Crude | Oil (USD/k | parrel) | | | | | | |
| Feb | 74.38 | 72.18 | 74.08 | 1.52 | 2.1 | | | | |
| Mar | 74.19 | 72.1 | 73.95 | 1.47 | 2.0 | | | | |
| ICE Bren | nt Crude O | il (USD/bar | rel) | | | | | | |
| Mar | 79.3 | 77.33 | 79.1 | 1.22 | 1.6 | | | | |
| Apr | 78.84 | 76.92 | 78.65 | 1.16 | 1.5 | | | | |
| NYMEX | Heating O | il (USD cen | ts/gallon) | | | | | | |
| Feb | 269.84 | 263.17 | 269.36 | 4.00 | 1.5 | | | | |
| Mar | 265.42 | 258.91 | 264.96 | 3.93 | 1.5 | | | | |
| NYMEX | Gasoline (| USD cents | /gallon) | | | | | | |
| Feb | 218.59 | 211.14 | 218.35 | 4.81 | 2.3 | | | | |
| Mar | 220.78 | 213.64 | 220.55 | 4.70 | 2.2 | | | | |
| Spread (US | SD/barrel) | | Close | Prev. | % Change | | | | |
| ICE Brent- | NYMEX W | TI | 5.15 | 5.40 | -0.25 | | | | |
| NYMEX 3-2 | 2-1 Crack S | pread | 24.77 | 24.38 | 0.39 | | | | |
| Source: Mo | CX·Bloomh | | | | | | | | |

Source: MCX;Bloomberg

| out cer mon, broams eng | | | | | | | | | |
|-------------------------|----------------------------|-------------|------------|----------|----------|--|--|--|--|
| | NATURAL GAS | | | | | | | | |
| | MCX Natural Gas (Rs/mmBtu) | | | | | | | | |
| Contract | High | Close | Change | % Change | | | | | |
| Jan | 246.2 | 224.3 | 225.5 | -11.00 | -4.7 | | | | |
| Feb | 208.7 | 199.6 | 200.4 | -6.40 | -3.1 | | | | |
| | NYME | X Natural C | Gas (USD/n | nmBtu) | | | | | |
| Feb | 2.960 | 2.666 | 2.697 | -0.17 | -6.0 | | | | |
| Mar | 2.496 | 2.364 | 2.413 | -0.08 | -3.3 | | | | |
| Spread/Ra | tio | | Close | Prev. | % Change | | | | |
| WTI-Natga | s Ratio | | 27.47 | 25.28 | 2.19 | | | | |
| MCX WTI-N | Natgas Rat | io | 27.28 | 25.25 | 2.03 | | | | |
| 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

| | Commodity | S3 | S2 | S1 | Pivot | R1 | R2 | R3 | Breakout Above | Breakout Target | Breakdown Below | Breakdown Target |
|-----------------|---------------------|-----------|--------|-----------|--------|--------|--------|--------|-------------------|--------------------|--------------------|---------------------|
| Index | MCX BULLDEX Jan | 15866 | 15899 | 15931 | 15964 | 15996 | 16029 | 16061 | 16006 | 16035 | 15934 | 15905 |
| Precious Metals | Spot Gold | 1988.1 | 1996.8 | 2005.9 | 2014.6 | 2023.7 | 2032.4 | 2041.5 | 2033.2 | 2041.3 | 2013.6 | 2005.4 |
| | MCX Gold Feb | 61177 | 61330 | 61495 | 61648 | 61813 | 61966 | 62131 | 61944 | 62089 | 61594 | 61450 |
| | MCX Gold Apr | 61651 | 61771 | 61910 | 62030 | 62169 | 62289 | 62428 | 62285 | 62403 | 62001 | 61883 |
| | MCX Gold Mini Feb | 61219 | 61365 | 61537 | 61683 | 61855 | 62001 | 62173 | 61966 | 62110 | 61616 | 61472 |
| ž | MCX Gold Mini Mar | 61529 | 61640 | 61769 | 61880 | 62009 | 62120 | 62249 | 62108 | 62217 | 61844 | 61735 |
| Smc | Spot Silver | 22.15 | 22.30 | 22.50 | 22.60 | 22.80 | 22.95 | 23.15 | 22.95 | 23.10 | 22.55 | 22.40 |
| Ğ. | MCX Silver Mar | 70763 | 70955 | 71273 | 71465 | 71783 | 71975 | 72293 | 71896 | 72128 | 71335 | 71102 |
| F | MCX Silver May | 72045 | 72202 | 72475 | 72632 | 72905 | 73062 | 73335 | 72989 | 73184 | 72516 | 72320 |
| | MCX Silver Mini Feb | 70889 | 71098 | 71368 | 71577 | 71847 | 72056 | 72326 | 71983 | 72202 | 71457 | 71238 |
| | MCX Silver Mini Apr | 72192 | 72349 | 72604 | 72761 | 73016 | 73173 | 73428 | 73086 | 73273 | 72632 | 72445 |
| | LME Copper Jan | 8178 | 8212 | 8262 | 8296 | 8346 | 8380 | 8430 | 8356 | 8395 | 8264 | 8225 |
| | MCX Copper Jan | 706.6 | 708.6 | 712.0 | 714.0 | 717.4 | 719.4 | 722.8 | 716.3 | 718.8 | 710.4 | 708.0 |
| | MCX Copper Feb | 714.5 | 716.3 | 718.8 | 720.5 | 723.0 | 724.8 | 727.3 | 723.0 | 725.0 | 718.4 | 716.4 |
| <u>s</u> | LME Zinc | 2415 | 2429 | 2451 | 2465 | 2486 | 2500 | 2522 | 2482 | 2498 | 2443 | 2427 |
| Metals | MCX Zinc Jan | 216.2 | 217.3 | 218.7 | 219.9 | 221.3 | 222.4 | 223.8 | 220.9 | 222.0 | 218.1 | 216.9 |
| ğ | MCX Zinc Feb | 218.2 | 219.3 | 220.6 | 221.7 | 223.0 | 224.1 | 225.4 | 222.8 | 223.9 | 220.2 | 219.1 |
| e | LME Lead | 2024 | 2036 | 2055 | 2068 | 2087 | 2099 | 2118 | 2094 | 2108 | 2059 | 2045 |
| Industrial | MCX Lead Jan | 177.6 | 178.4 | 179.4 | 180.1 | 181.1 | 181.9 | 182.9 | 181.2 | 182.0 | 179.3 | 178.5 |
| ä | MCX Lead Feb | 181.3 | 181.8 | 182.3 | 182.7 | 183.2 | 183.7 | 184.2 | 183.5 | 183.9 | 182.5 | 182.0 |
| ≘ | LME Nickel | 15743 | 15877 | 16003 | 16137 | 16263 | 16397 | 16523 | 16299 | 16418 | 16013 | 15894 |
| | LME Aluminium | 2126 | 2144 | 2157 | 2175 | 2187 | 2205 | 2218 | 2180 | 2194 | 2147 | 2133 |
| | MCX Aluminium Jan | 195.4 | 196.4 | 197.2 | 198.2 | 199.0 | 200.0 | 200.8 | 198.5 | 199.3 | 196.5 | 195.7 |
| | MCX Aluminium Feb | 197.4 | 198.4 | 199.4 | 200.5 | 201.5 | 202.6 | 203.5 | 201.0 | 201.9 | 198.7 | 197.8 |
| | NYMEX Crude Oil | 70.15 | 71.15 | 72.35 | 73.35 | 74.55 | 75.55 | 76.75 | 75.30 | 76.35 | 72.85 | 71.80 |
| | MCX Crude Oil Jan | 5824 | 5912 | 5997 | 6085 | 6170 | 6258 | 6343 | 6247 | 6329 | 6057 | 5975 |
| Energy | MCX Crude Oil Feb | 5887 | 5952 | 6041 | 6106 | 6195 | 6260 | 6349 | 6242 | 6315 | 6072 | 5999 |
| | NYMEX Natural Gas | 2.35 | 2.50 | 2.65 | 2.80 | 2.95 | 3.10 | 3.25 | 2.85 | 3.00 | 2.55 | 2.40 |
| | MCX Natural Gas Jan | 199.90 | 212.10 | 221.80 | 234.00 | 243.70 | 255.90 | 265.60 | 237.50 | 247.50 | 213.50 | 203.50 |
| | MCX Natural Gas Feb | 190.10 | 194.80 | 199.20 | 203.90 | 208.30 | 213.00 | 217.40 | 205.40 | 209.50 | 195.40 | 191.30 |

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 | 18-Jan-24 | | |
|------------------------|--------|--------|-----------|-------------|-----------|------|--------|
| | Gold | Silver | Crude Oil | Natural gas | Copper | Zinc | Nickel |
| Call Vol (lots) | 11514 | 4366 | 318429 | 633415 | 109 | 1 | 0 |
| Put Vol (lots) | 5679 | 1583 | 275436 | 557557 | 16 | 1 | 0 |
| Call OI (lots) | 5974 | 8076 | 19812 | 111770 | 208 | 12 | 0 |
| Put OI (lots) | 3473 | 3387 | 26710 | 66826 | 77 | 3 | 0 |
| Put Call Ratio (Vol) | 0.49 | 0.36 | 0.86 | 0.88 | 0.15 | 1.00 | - |
| Put Call Ratio(OI) | 0.58 | 0.42 | 1.35 | 0.60 | 0.37 | 0.25 | - |
| Turnover Call (crores) | 7196.0 | 974.5 | 20508.8 | 20043.1 | 19.9 | 0.1 | 0.0 |
| Turnover Put (crores) | 3491.3 | 345.9 | 16810.7 | 16440.6 | 2.9 | 0.1 | 0.0 |
| Max Call Vol (lots) | 7162 | 1650 | 74061 | 124394 | 39 | 1 | 0 |
| Max Call Vol Strike | 62000 | 72000 | 6100 | 240 | 720 | 230 | - |
| Max Put Vol (lots) | 2439 | 541 | 90387 | 130961 | 12 | 1 | 0 |
| Max Put Vol Strike | 61000 | 71000 | 6000 | 230 | 720 | 220 | - |
| Max Call OI (lots) | 1560 | 1281 | 3225 | 10796 | 79 | 5 | 0 |
| Max Call OI Strike | 63000 | 75000 | 6000 | 250 | 730 | 230 | - |
| Max Put OI (lots) | 919 | 773 | 8727 | 13062 | 52 | 5 | 0 |
| Max Put OI Strike | 61000 | 72000 | 6000 | 200 | 720 | 225 | - |

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

| MCX SPREAD MONITOR | | | | | | | | |
|------------------------------|---------|----------|-----------|--|--|--|--|--|
| Commodity | Current | Previous | Trend | | | | | |
| Gold 1M-2M (Rs/10gm) | -374 | -376 | Narrowing | | | | | |
| Silver 1M-2M (Rs/kg) | -1137 | -1190 | Narrowing | | | | | |
| Copper 1M-2M (Rs/kg) | -7.35 | -7.00 | Widening | | | | | |
| Aluminiun 1M-2M (Rs/kg) | -2.40 | -2.30 | Widening | | | | | |
| Lead 1M-2M (Rs/kg) | -2.70 | -2.50 | Widening | | | | | |
| Nickel 1M-2M (Rs/kg) | 0.00 | 0.00 | | | | | | |
| Zinc 1M-2M (Rs/kg) | -2.00 | -1.90 | Widening | | | | | |
| Crude 1M-2M (Rs/bbl) | -5.00 | -33.00 | Narrowing | | | | | |
| Natural gas 1M-2M (Rs/mmBtu) | 25.10 | 29.70 | Narrowing | | | | | |
| Aluminium-Lead (Rs/kg) | 17.20 | 18.35 | Narrowing | | | | | |
| Zinc- Aluminium (Rs/kg) | 22.00 | 21.60 | Widening | | | | | |
| Zinc-Lead (Rs/kg) | 39.20 | 39.95 | Narrowing | | | | | |
| Gold Silver Ratio | 0.86 | 0.86 | Widening | | | | | |
| Crude/NG Ratio | 27.28 | 25.25 | 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