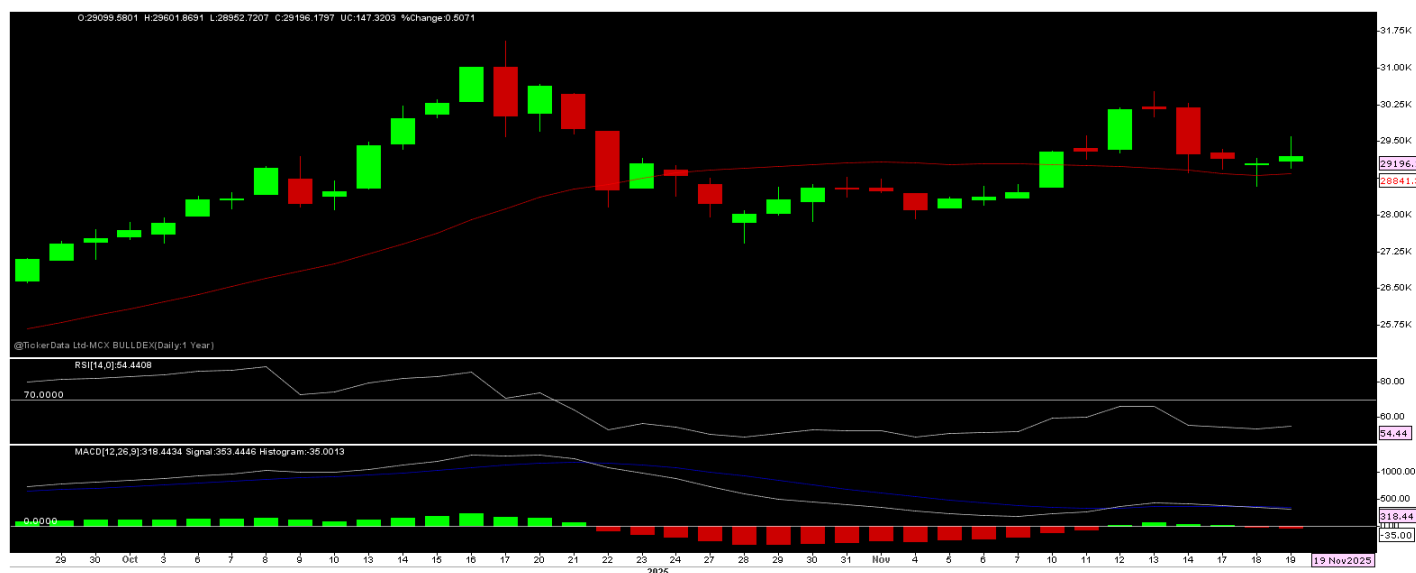




Daily Technical Outlook: Metals and Energy Nov 20th, 2025

Bullion Index



Sources – Ticker Plant and Bonanza Research

The Benchmark index witnessed a Flat Opening on 19/11/25 but remain sideways to higher side till evening session on safe haven buying & in expectations of FED rate cut in next meeting after weaker than expected U.S data last few days buyout bullion, while in evening profit booking seen after rebound in dollar index & technical sell off due to price fail to break resistance zone and which all resulted in index close almost Flat over previous day close.

Now, Index has Support 28500-100-27800-400 as long hold, more upside expected towards 30600-31500 in short term. Other side only Sustain below 27400 seen 26500-26300 in days to come.

Price is trading around short term 13-days SMA and RSI at 54 mark with Flat slope indicates mix of the view in the counter. Other side below zero line MACD seen selling pressure at every rally.

Metals Index



Sources – Ticker Plant and Bonanza Research

The Benchmark index seen a Minor Gap Up Opening on 19/11/25 and remain on higher side throughout the day on lower level buying & on stimulus expectations from top metal consumer China added by Dec rate cut bet from FED buyout base metals pack and which all resulted in index close marginally above over previous day closing.

Now index has a Support at 18800-18300, as long hold, more Upside expected towards 19400-19500 in medium term. While on lower side only sustain below 18300 seen 17500-17300 again in days to come.

Price is trading below short term 13 SMA while RSI at 51 marks with Downward slope indicates more room for down side in the counter. Other side slight above zero line MACD indicates more buying seen at every dip in the counter.

Technical Levels

Commodity	Contract Month	CLOSE	S1	S2	R1	R2	TREND
-----------	----------------	-------	----	----	----	----	-------

BULLIONS(Rs.)							
Gold M	Dec	122904	122200	121400	123200	124300	BEARISH
Silver M	Nov.	156761	155000	153800	159000	160500	SIDEWAYS

ENERGY

Crude Oil	Nov.	5258	5190	5130	5300	5370	SIDEWAYS
Natural Gas	Nov.	402.80	397	385	408	418	SIDEWAYS

BASE
METALS

Copper	Nov.	1002.10	990.0	983	1005	1018	SIDEWAYS
Zinc	Nov.	301.95	298.0	295.0	304.50	306.0	SIDEWAYS

Lead	Nov.	179.80	178	175	183	185	BULLISH
Nickel	Nov.	1351.50	1300	1250	1400	1450	SIDEWAYS

Technical Research Analyst

Vibhu Ratandhara

Disclosure:

M/s. Bonanza Portfolio Ltd here by declares that views expressed in this report accurately reflect view point with subject to companies/securities. M/s. Bonanza Portfolio Ltd has taken reasonable care to achieve and maintain independence and objectivity in making any recommendations. The Analysts engaged in preparation of this Report or his/her relative: - (a) do not have any financial interests in the subject company mentioned in this Report; (b) do not own 1% or more of the equity securities of the subject company mentioned in the report as of the last day of the month preceding the publication of the research report; (c) do not have any material conflict of interest at the time of publication of the Report. The Analysts engaged in preparation of this Report:- (a) have not received any compensation from the subject company in the past twelve months; (b) have not managed or co-managed public offering of securities for the subject company in the past twelve months; (c) have not received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months; (d) have not received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months; (e) has not received any compensation or other benefits from the subject company or third party in connection with the Report; (f) has not served as an officer, director or employee of the subject company; (g) is not engaged in market making activity for the subject company.

M/s. Bonanza Portfolio Ltd operates under the regulation of SEBI Regn No. INH100001666 and research analyst engaged in preparation of report

Disclaimer:

This research report has been published by M/s. Bonanza portfolio Ltd and is meant solely for use by the recipient and is not for circulation. This document is for information purposes only and information / opinions / views are not meant to serve as a professional investment guide for the readers. Reasonable care has been taken to ensure that information given at the time believed to be fair and correct and opinions based thereupon are reasonable, due to the nature of research it cannot be warranted or represented that it is accurate or complete and it should not be relied upon as such. If this report is inadvertently sent or has reached to any individual, same may be ignored and brought to the attention of the sender. Preparation of this research report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Past performance is not a guide for future performance. This Report has been prepared on the basis of publicly available information, internally developed data and other sources believed by Bonanza portfolio Ltd to be reliable. This report should not be taken as the only base for any market transaction; however this data is representation of one of the support document among other market risk criterion. The market participant can have an idea of risk involved to use this information as the only source for any market related activity. The distribution of this report in definite jurisdictions may be restricted by law, and persons in whose custody this report comes, should observe, any such restrictions. The revelation of interest statements integrated in this analysis are provided exclusively to improve & enhance the transparency and should not be treated as endorsement of the views expressed in the analysis. The price and value of the investments referred to in this report and the income from them may go down as well as up. Bonanza portfolio Ltd or its directors, employees, affiliates or representatives do not assume any responsibility for, or warrant the accuracy, completeness, adequacy and reliability of such information / opinions / views. While due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of M/s. Bonanza portfolio Ltd shall be liable. Research report may differ between M/s. Bonanza portfolio Ltd RAs and other companies on account of differences in, personal judgment and difference in time horizons for which recommendations are made. Research entity has not been engaged in market making activity for the subject company. Research analyst has not served as an officer, director or employee of the subject company. Research analyst have not received any compensation/benefits from the Subject Company or third party in connection with the research report

M/s. Bonanza Portfolio Ltd at Bonanza House, Plot No. M-2, Cama Industrial Estate. Walbhat Road, Goregaon (E), Mumbai – 400063 Web site: <https://www.bonanzaonline.com>

SEBI Regn. No.: INZ000212137

BSE CM: INB 011110237 | BSE F&O: INF 011110237 | MSEI: INE 260637836

| CDSL: a) 120 33500 |

NSDL: a) IN 301477 | b) IN 301688 (Delhi) | PMS: INP 000000985 | AMFI: ARN -0186