Daily Commodity Analysis Report

Thursday, January 19, 2023 Thursday















MARKET	MOVEMEN	Τ								
Commodity	/ Unit	Last	% Cng	Weekly	Monthly	YTD	Yearly	50DMA	100DMA	200DMA
Gold	1 Kg	56286.00	-0.12	1.04	2.89	2.38	17.99	BUY	BUY	BUY
Silver	30 Kg	68227.00	-1.39	0.39	0.95	0.02	12.12	BUY	BUY	BUY
\$Gold	100 Tr. Oz	1903.50	-0.01	3.17	6.36	5.56	5.67	BUY	BUY	BUY
\$ Silver	5000 Tr. Oz	23.306	-0.57	2.83	2.79	2.14	6.09	BUY	BUY	BUY
Crude	100 BBL	6550.00	0.02	5.09	3.33	-1.42	6.27	SELL	SELL	SELL
Nat.Gas	1250 mmBtu	274.90	-7.38	-7.85	-48.85	-22.60	-8.65	SELL	SELL	SELL
\$ Crude	1,000 Barrels	79.48	-0.87	2.19	1.59	-3.07	19.61	SELL	SELL	SELL
\$ Nat. Gas	10000 mmBtu	3.11	-4.37	-7.85	-48.85	-22.60	-8.65	SELL	SELL	SELL
Aluminium	5MT	221.75	0.11	6.98	2.91	5.08	-5.99	BUY	BUY	BUY
Copper	2500Kg	774.60	0.36	5.21	9.20	7.42	2.42	BUY	BUY	BUY
Lead	5MT	189.65	-1.22	1.06	2.45	0.82	0.26	BUY	BUY	BUY
Zinc	5MT	289.50	0.78	6.44	-0.48	7.67	-0.36	BUY	BUY	SELL
LME Alum	25 Tonnes	2614.00	-0.08	14.03	8.49	-8.05	-12.49	BUY	BUY	BUY
LME Copp	25,000 Lbs.	9259.50	-0.31	11.56	10.97	-4.24	-7.61	BUY	BUY	BUY
LME Lead	5 Tonnes	2176.00	0.18	-0.98	4.08	-2.34	-4.98	SELL	SELL	SELL
LME Nickel	250 Kg	28175.00	6.02	-7.53	-4.44	31.68	21.76	SELL	BUY	BUY
LME Zinc	5 Tonnes	3350.50	-0.87	10.45	4.27	-6.37	-7.37	BUY	BUY	SELL
			1							

Note:

- * 50DMA If prices trading above 50DMA "BUY" Signal is shown
- * 50DMA If prices trading below 50DMA "SELL" Signal is shown
- * 100DMA If prices trading above 50DMA "BUY" Signal is shown
- * 100DMA If prices trading below 50DMA "SELL" Signal is shown
- * 200DMA If prices trading above 50DMA "BUY" Signal is shown
- * 200DMA If prices trading below 50DMA "SELL" Signal is shown

 $^{^{\}ast}$ Domestic Rates are as per closing basis and International rates are as per 8.30am







Currency S	inapshot		
Currency	Last	% Cng	
USDINR	81.34	-0.60	•
EURINR	88.21	-0.40	•
GBPINR	100.48	0.48	
JPYINR	63.02	-0.94	
EURUSD	1.0791	-0.02	•
GBPUSD	1.2331	-0.12	•
USDJPY	128.50	-0.20	•
Dollar Index	102.39	0.01	

Indices Snapshot					
Last	Change				
18165.35	0.62				
61045.74	0.64				
21649.25	0.33				
26791.12	2.50				
3284.46	0.12				
7086.14	0.13				
15175.79	-0.07				
33986.57	0.22				
11183.77	0.80				
6759.79	-0.11				
2368.32	-0.47				
	Last 18165.35 61045.74 21649.25 26791.12 3284.46 7086.14 15175.79 33986.57 11183.77 6759.79				

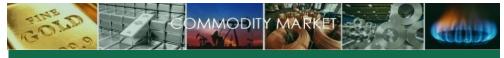
LME Stock Snapsh	ot	
Commodity	Stock	Cng
LME Aluminium	390400	-2475
LME Copper	81925	-1375
LME Lead	20975	-250
LME Nickel	52386	-156
LME Zinc	19525	-475

Open inter	est Snapsh	not		
Commodity	Last	Ol	% Cng	Status
Gold	56286.00	10672	-6.46	Long Liquidation
Silver	68227.00	18457	-7.07	Long Liquidation
Crude	6550.00	4252	13.6	Fresh Buying
Nat.Gas	274.90	23592	4.97	Fresh Selling
Aluminium	221.75	4198	-15.19	Short Covering
Copper	774.60	3950	-18.56	Short Covering
Lead	189.65	631	-15.98	Long Liquidation
Zinc	289.50	1906	-5.32	Short Covering

Calendar	Spreads S	Snapshot			
Commodity	Near Month	Next Month	Spread	P. Spread	Change
Gold	56286.00	56694.00	408.00	444.00	-36.00
Silver	68227.00	69401.00	1174.00	1158.00	16.00
Crude	6550.00	6597.00	47.00	50.00	-3.00
Nat.Gas	274.90	264.00	-10.90	-21.00	10.10
Aluminium	221.75	223.55	1.80	1.45	0.35
Copper	774.60	774.55	-0.05	1.60	-1.65
Lead	189.65	189.35	-0.30	-0.50	0.20
Zinc	289.50	291.80	2.30	2.20	0.10

Commodity Ratio S	napshot						
Commodity		Annual					
Continodity	Close	Max	Min	Avg			
Gold / Silver Ratio	82.50	95.85	74.38	83.30			
Gold / Crude Ratio	8.59	9.28	5.31	7.18			
Gold / Copper Ratio	72.66	81.29	61.71	72.18			
Silver / Crude Ratio	10.42	11.66	6.30	8.66			
Silver / Copper Ratio	88.08	98.40	77.99	86.64			
Zinc / Lead Ratio	152.65	201.88	139.86	161.27			
Crude / Nat.Gas Ratio	23.83	26.54	9.24	15.43			

Economical D	ata			
Time	Currency	Data	Fcst	Prev
12:30am	USD	Beige Book		
12:30am	USD	FOMC Member Harker Speaks		
2:30am	USD	TIC Long-Term Purchases	127.9B	67.8B
3:30am	USD	FOMC Member Logan Speaks		
2:30pm	EUR	Current Account	-11.6B	-0.4B
Day 4	All	WEF Annual Meetings		
4:00pm	EUR	ECB President Lagarde Speaks		
6:00pm	EUR	Accounts		
7:00pm	USD	Philly Fed Manufacturing Index	-10.9	-13.8
7:00pm	USD	Unemployment Claims	214K	205K







Commodity Market Daily Trading Levels									
Commodity	Close	Support 3	Support 2	Support 1	Pivot Point	Resist 1	Resist 2	Resist 3	Trend
Gold	56286.00	55660.00	55891.00	56088.00	56319.00	56516.00	56747.00	56944.00	Negative
Silver	68227.00	65986.00	67050.00	67639.00	68703.00	69292.00	70356.00	70945.00	Negative
\$ Gold	1904.18	1889.50	1894.70	1899.10	1904.30	1908.70	1913.90	1918.30	Negative
\$ Silver	23.46	22.80	23.00	23.10	23.30	23.40	23.60	23.70	Negative
Crude oil	6550.00	6276.00	6402.00	6476.00	6602.00	6676.00	6802.00	6876.00	Positive
Natural Gas	274.90	237.40	255.20	265.10	282.90	292.80	310.60	320.50	Negative
\$ Crude oil	79.48	79.61	80.32	79.90	80.61	80.19	80.90	80.48	Negative
\$ Natural Gas	3.1110	2.7763	2.9317	3.0213	3.1767	3.2663	3.4217	3.5113	Negative
Aluminium	221.75	212.60	216.30	219.00	222.70	225.40	229.10	231.80	Positive
Copper	774.60	750.10	760.20	767.50	777.60	784.90	795.00	802.30	Positive
Lead	189.65	184.90	187.20	188.40	190.70	191.90	194.20	195.40	Negative
Zinc	289.50	279.00	282.70	286.20	289.90	293.40	297.10	300.60	Positive
LME Aluminium	2616.00	2463.00	2519.00	2567.50	2623.50	2672.00	2728.00	2776.50	Positive
LME Copper	9288.50	8866.67	9055.83	9172.17	9361.33	9477.67	9666.83	9783.17	Positive
LME Lead	2172.00	2095.50	2132.00	2152.00	2188.50	2208.50	2245.00	2265.00	Negative
LME Nickel	26575.00	24808.33	25831.67	26203.33	27226.67	27598.33	28621.67	28993.33	Positive
LME Zinc	3380.00	3149.33	3213.67	3296.83	3361.17	3444.33	3508.67	3591.83	Positive

Latest News Update

Business confidence at big Japanese firms slid in January with manufacturers showing a negative reading for the first time in two years, the Reuters Tankan survey found, reflecting a slow recovery from the pandemic amid a global economic downturn and rising living costs. The drop in morale could undermine policymakers' hopes for Japanese firms to boost investment and accelerate wage hikes that would outpace rises in inflation. The Reuters Tankan index for big manufacturers stood at -6 in January, down from +8 last month, with car, electronics and textiles manufacturers among the gloomiest sectors. The negative reading – the first since January 2021 – indicates that the number of firms that said business conditions were poor was greater than those that said they were good. It was the most pessimistic reading since December 2020. Japan's economy, the world's third largest, unexpectedly contracted by an annualised 0.8% in the third quarter, hurt by a weak yen and higher costs of living and for doing business.

Pay growth in Britain - which is being closely watched by the Bank of England as it gauges how much higher to raise interest rates - picked up more pace in the three months to November, official data showed. Pay excluding bonuses rose by an annual 6.4% in the September-to-November period, the biggest increase since records began in 2001, not counting jumps in the COVID-19 period which were distorted by lockdowns and government support measures. Pay including bonuses also rose by 6.4%, the Office for National Statistics said. The ONS said Britain's jobless rate held at 3.7%, in line with the poll, close to its lowest in almost 50 years. Employment rose by a faster-than-expected 27,000. BoE Governor Andrew Bailey said that a shortage of workers in the labour market posed a major risk to forecasts that inflation will fall from its current levels above 10%. The BoE looks set to raise borrowing costs for a 10 time in a row next month, and the main question for investors is the scale of the increase as it weighs up the risk of a recession.







Fundamentals

Gold yesterday settled down by -0.12% at 56286 as the dollar held firm, although expectations of slower pace of interest rate hikes by the U.S. Federal Reserve limited losses. The yield on the US 10-year Treasury note fell towards the 4.4% mark in the third week of January, the lowest in over one month and approaching levels last seen in September. The latest data showed producer prices fell the most since April 2020 in December, adding to bets that the Federal Reserve will increase rates by a smaller 25 bps in February. Also, inflation in the US has been slowing since July to 6.5% in December. The Bank of Japan pushed back against speculations of another policy adjustment by maintaining ultra-low interest rates and keeping its yield control policy unchanged. Producer prices for final demand in the US dropped 0.5 percent from a month earlier in December 2022, following a revised 0.2 percent gain in November and compared with market expectations of a 0.1 percent fall. Retail sales in the US declined 1.1% month-over-month in December 2022, following an upwardly revised 1% drop in November and worse than forecasts of a 0.8% fall. Technically market is under long liquidation as the market has witnessed a drop in open interest by -6.46% to settle at 10672 while prices are down -66 rupees, now Gold is getting support at 56088 and below same could see a test of 55891 levels, and resistance is now likely to be seen at 56516, a move above could see prices testing 56747.



Open	High	LOW	Close	Net Cng
69369.00	69767.00	68114.00	68227.00	-959.00
\circ	W 01	\	Torrid	Ø C
Ol	% OI	Volume	Trend	% Cng

Fundamentals

Silver yesterday settled down by -1.39% at 68227 after data showing a drop in retail sales and industrial production raised concerns about a recession. Investors see a reduction of Fed's rate hikes to 25 bps for the next meeting, after the institution delivered lower 50 bps in December, and following four consecutive 75 bps increases. Elsewhere, the lack of investment demand could weigh on the commodity price. Silver closed 2022 with minor gains due to the USD strength and higher bond yields as central banks across the globe raised borrowing costs to combat high inflation. Global growth worries resurfaced after China posted its weakest economic growth in nearly half a century. IMF Managing Director Kristalina Georgieva said at the World Economic Forum in Davos, Switzerland that global economic growth will bottom out this year. On the supply side, shortage concerns drove the commodity to outperform gold and palladium in 2022. COMEX inventories levels saw an aggressive decline in the period, and London Bullion Market Association stockpiles fell considerably amid outflows to India. The NY Empire State Manufacturing Index sank to -32.9 in January of 2023, the lowest reading since May of 2020, from -11.2 in December, and well below market forecasts of -9. Technically market is under long liquidation as the market has witnessed a drop in open interest by -7.07% to settle at 18457 while prices are down -959 rupees, now Silver is getting support at 67639 and below same could see a test of 67050 levels, and resistance is now likely to be seen at 69292, a move above could see prices testing 70356.

Trading Idea for the day

Gold trading range for the day is 55891-56747.

Gold prices ended with nominal losses as the dollar held firm

The yield on the US 10-year Treasury note fell towards the 4.4% mark, the lowest in over one month and approaching levels last seen in September

Producer prices for final demand in the US dropped 0.5 percent from a month earlier in December 2022

Trading Idea for the day

Silver trading range for the day is 67050-70356.

Silver settled lower after data showing a drop in retail sales and industrial production raised concerns about a recession.

Investors see a reduction of Fed's rate hikes to 25 bps for the next meeting, after the institution delivered lower 50 bps in December

Global growth worries resurfaced after China posted its weakest economic growth in nearly half a century.







Open	High	Low	Close	Net Cng
6643.00	6728.00	6528.00	6550.00	1.00
Ol	% OI	Volume	Trend	% Cng
4252.00	13.60	21182.00	Positive	0.02

Fundamentals

Crude oil yesterday settled up by 0.02% at 6550 as hopes for a demand recovery in China after its rapid exit from zero-Covid policy outweighed fears of a global economic slowdown. Oil output from top shale regions in the United States is due to rise by about 77,300 barrels per day (bpd) to a record 9.38 million bpd in February, the U.S. Energy Information Administration (EIA) said in its productivity report. The oil increase was the lowest in more than a year, with volumes shrinking on weaker productivity per well and on inflation cutting into oil companies' production budgets. The lifting of COVID-19 restrictions in China is set to boost global oil demand this year to a new record high, the International Energy Agency (IEA) said, while price cap sanctions on Russia could dent supply. "Two wild cards dominate the 2023 oil market outlook: Russia and China," the Paris-based energy watchdog said in its monthly oil report. "Russian supply slows under the full impact of sanctions (while) China will drive nearly half this global demand growth even as the shape and speed of its reopening remains uncertain." Weak industrial activity and mild weather helped cut oil demand by nearly a million barrels per day in the OECD developed countries in the last quarter of 2022. Technically market is under fresh buying as the market has witnessed a gain in open interest by 13.6% to settle at 4252 while prices are up 1 rupees, now Crude oil is getting support at 6476 and below same could see a test of 6402 levels, and resistance is now likely to be seen at 6676, a move above could see prices testing 6802.



Open	High	Low	Close	Net Cng
299.70	300.70	273.00	274.90	-21.90
OI	% OI	Volume	Trend	% Cng

Fundamentals

Nat.Gas yesterday settled down by -7.38% at 274.9 on forecasts for warmer weather and less heating demand in late January than previously expected. There were growing expectations the Freeport liquefied natural gas (LNG) export plant in Texas will remain shut until February or later and on forecasts the weather will turn mild again in February following a late January freeze, Investors poured money back into the commodity amid prospects of a recovery in demand as temperatures should move towards more seasonal levels later this month. Still, any significant rebound is likely unsustainable if unseasonably warm weather sticks and domestic output continues to soar. US natural gas production is expected to grow more than 2% this year to a record daily average of 100.3 billion cubic feet, the Energy Information Administration said. Adding to the bearish tone, the Freeport LNG export plant in Texas, forced to go offline in June following a fire, again delayed the restart to the second half of January, leaving more supply on the domestic market. Traders worry the plant will only be back online during the first or second quarter due to the need for further work to satisfy federal regulators. Technically market is under fresh selling as the market has witnessed a gain in open interest by 4.97% to settle at 23592 while prices are down -21.9 rupees, now Natural gas is getting support at 265.1 and below same could see a test of 255.2 levels, and resistance is now likely to be seen at 292.8, a move above could see prices testing 310.6.

Trading Idea for the day

Crude oil trading range for the day is 6402-6802.

Crude oil rose as hopes for a demand recovery in China after its rapid exit from zero-Covid policy outweighed fears of a global economic slowdown.

U.S. oil output set to rise in Feb to record, but growth slows -EIA

China's COVID – 19 reopening set to push 2023 oil demand to new high – IEA

Trading Idea for the day

Natural gas trading range for the day is 255.2-310.6.

Natural gas dropped on forecasts for warmer weather and less heating demand in late January than previously expected.

US natural gas production is expected to grow more than 2% this year to a record daily average of 100.3 billion cubic feet $\,$

US natgas rig count fell 2 at 150 - Baker Hughes

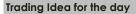






Fundamentals

Copper yesterday settled up by 0.36% at 774.6 as speculators bet that low inventories and rising Chinese demand will lift prices. Chinese bonded warehouses and warehouses registered with the LME and the COMEX and Shanghai Futures exchanges contain around 285,000 tonnes of copper, significantly below levels typical before the coronavirus pandemic. Chilean miner Antofagasta said its copper output fell 10.4% in 2022 and a source said operations at the huge Antapaccay copper mine in Peru were at "restricted" capacity. The People's Bank of China injected a total CNY 580 billion of reverse repos into the banking system on Wednesday, including CNY 133 billion through the seven-day tenor and CNY 447 billion through the 14-day tenor, while keeping the rate unchanged at 2% and 2.15%, respectively. The central bank said the move aims to maintain the reasonable and sufficient liquidity in the banking system, offsetting impacts from factors including the payment on issue of government bonds and cash issuance ahead of the Lunar New Year, according to an online statement. The world's refined copper market saw a 46,000 tonne surplus in October, compared with a deficit of 85,000 tonnes in September, the International Copper Study Group (ICSG) said in its latest monthly bulletin. Technically market is under short covering as the market has witnessed a drop in open interest by -18.56% to settle at 3950 while prices are up $2.75\,$ rupees, now Copper is getting support at 767.5 and below same could see a test of 760.2 levels, and resistance is now likely to be seen at 784.9, a move above could see prices testing 795.



Copper trading range for the day is 760.2-795.

Copper prices rose as speculators bet that low inventories and rising Chinese demand will lift prices.

Warehouses registered with the LME and the COMEX and SHFE contain around 285,000 tonnes, significantly below pandemic levels.

Chilean miner Antofagasta said its copper output fell 10.4% in 2022



1	000	9	20	0.000	
	286.85	293.65	286.45	289.50	2.25
	OI	% OI	Volume	Trend	% Cng
	1906.00	-5.32	6478.00	Positive	0.78

Fundamentals

Zinc yesterday settled up by 0.78% at 289.5 as demand prospects brightened after top consumer China ended its strict COVID-19 curbs. Zinc stocks in China have been rising in recent weeks, indicating that the manufacturing and construction sectors are ramping up activity. Last year, soaring energy prices hit smelting activity, particularly in Europe, with several critical smelters going offline or operating at reduced capacity, including the Budel in the Netherlands, the Nordenham in Germany, and the Auby in France. Consequently, LME zinc inventories have plummeted 89% over the past 12 months to 20,000 tonnes, the weakest since July 1989. The yield on the US 10-year Treasury note fell towards the 4.4% mark in the third week of January, the lowest in over one month and approaching levels last seen in September, as a bigger-than-expected monthly decline in US producer prices and retail sales strengthened bets that the Federal Reserve will further slow the pace of interest rate hikes. Industrial production in the US fell by 0.7% mom in December of 2022, following an upwardly revised 0.6% decrease in November and more than market expectations of a 0.1% loss. It was the biggest drop in industrial activity since September 2021, as higher interest rates and prices weighed on demand. Technically market is under short covering as the market has witnessed a drop in open interest by -5.32% to settle at 1906 while prices are up 2.25 rupees, now Zinc is aetting support at 286.2 and below same could see a test of 282.7 levels. and resistance is now likely to be seen at 293.4, a move above could see prices testing 297.1.

Trading Idea for the day

Zinc trading range for the day is 282.7-297.1.

Zinc rose as demand prospects brightened after top consumer China ended its strict COVID-19 curbs.

Zinc stocks in China have been rising in recent weeks, indicating that the manufacturing and construction sectors are ramping up activity.

LME zinc inventories have plummeted 89% over the past 12 months to 20,000 tonnes, the weakest since July 1989.





Disclaimer

Analyst Certification:

We /I, Jaydeb Dey Research Analyst(s) of SMIFS Limited (in short "SMIFS / the Company"), authors and the names subscribed to this Research Report, hereby certify that all of the views expressed in this Research Report accurately reflect our views about the subject issuer(s) or securities and distributed as per SEBI (Research Analysts) Regulations 2014. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this Research Report. It is also confirmed that We/I, the above mentioned Research Analyst(s) of this Research Report have not received any compensation from the subject companies mentioned in the Research Report.

Terms & Conditions and Other Disclosures:

SMIFS Limited is engaged in the business of Stock Broking, Depository Services, Portfolio Management and Distribution of Financial Products. SMIFS Limited is registered as Research Analyst Entity with Securities & Exchange Board of India (SEBI) with Registration Number – INH300001474.

SMIFS and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Research Analysts. SMIFS generally prohibits its analysts, persons reporting to analysts and their relatives from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

The information and opinions in this Research Report have been prepared by SMIFS and are subject to change without any notice. The Research Report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of SMIFS Limited. While we would endeavor to update the information herein on a reasonable basis, SMIFS is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent SMIFS from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or policies of SMIFS, in circumstances where SMIFS might be acting in an advisory capacity to this company, or in certain other circumstances.

This Research Report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This Research Report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Securities as defined in clause (h) of section 2 of the Securities Contract Act, 1956, includes Financial Instruments, Currency and Commodity Derivatives. Though disseminated to all the customers simultaneously, not all customers may receive this Research Report at the same time. SMIFS will not treat recipients as customers by virtue of their receiving this Research Report. Nothing in this Research Report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this Research Report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. SMIFS accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this Research Report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notic

SMIFS shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, breakdown of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of SMIFS to present the data. In no event shall SMIFS be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the SMIFS through this report.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (a) Exchange Rates can be volatile and are subject to large fluctuations; (b) the value of currencies may be affected by numerous market factors, including world and notional economic, political and regulatory events, events in Equity & Debt Markets and changes in interest rates; and (c) Currencies may be subject to devaluation or government imposed Exchange Controls which could affect the value of the Currency. Investors in securities such as Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Since associates of SMIFS are engaged in various financial service businesses, they might have financial interests or beneficial ownership in various companies including the subject company/companies mentioned in this Research Report.



Disclaimer

SMIFS and its Associates, Officers, Directors, Employees, Research Analysts including their relatives worldwide may: (i) from time to may have long or short positions in, and buy or sell the Securities, mentioned herein or (ii) be engaged in any other transaction involving such Securities and earn brokerage or other compensation of the Subject Company/ companies mentioned herein or act as an Advisor or Lender/Borrower to such Companies or have other potential/material Conflict of Interest with respect to any recommendation and related information and opinions at the time of the publication of the Research Report or at the time of Public Appearance.

SMIFS does not have proprietary trades but may at a future date, opt for the same with prior intimation to Clients/ Investors and extant Authorities where it may have proprietary long/short position in the above Scrip(s) and therefore should be considered as interested.

The views provided herein are general in nature and do not consider Risk Appetite or Investment Objective of any particular Investor; Clients/ Readers/ Subscribers of this Research Report are requested to take independent professional advice before investing, however the same shall have no bearing whatsoever on the specific recommendations made by the analysts, as the recommendations made by the analysts are completely independent views of the Associates of SMIFS even though there might exist an inherent conflict of interest in some of the stocks mentioned in the Research Report.

The information provided herein should not be construed as invitation or solicitation to do business with SMIFS.

SMIFS or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the Research Report as of the last day of the month preceding the publication of the Research Report.

SMIFS encourages independence in Research Report preparation and strives to minimize conflict in preparation of Research Report. Accordingly, neither SMIFS and their Associates nor the Research Analysts and their relatives have any material conflict of interest at the time of publication of this Research Report or at the time of the Public Appearance, if any.

SMIFS or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

SMIFS or its associates might have received any compensation from the companies mentioned in the Research Report during the period preceding twelve months from the date of this Research Report for services in respect of managing or co-managing public offerings, corporate finance, investment banking, brokerage services or other advisory service in a merger or specific transaction from the subject company.

SMIFS or its associates might have received any compensation for products or services other than investment banking or brokerage services from the subject companies mentioned in the Research Report in the past twelve months.

SMIFS or its associates or its Research Analysts did not receive any compensation or other benefits whatsoever from the subject companies mentioned in the Research Report or third party in connection with preparation of the Research Report.

Compensation of Research Analysts is not based on any specific Investment Banking or Brokerage Service Transactions.

The Research Analysts might have served as an officer, director or employee of the subject company.

SMIFS and its Associates, Officers, Directors, Employees, Research Analysts including their relatives worldwide may have been engaged in market making activity for the companies mentioned in the Research Report.

SMIFS may have issued other Research Reports that are inconsistent with and reach different conclusion from the information presented in this Research Report.

A graph of daily closing prices of the securities/commodities is also available at www.nseindia.com and/or www.bseindia.com, www.mcxindia.com and/or www.icex.com.

SMIFS submit's that no material disciplinary action has been taken on the Company by any Regulatory Authority impacting Equity Research Analysis activities in last 3 years.

This Research Report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject SMIFS and affiliates to any registration or licensing requirement within such jurisdiction.

The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.



Disclaimer

Specific Disclosures

- 1. SMIFS, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- 2. SMIFS, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company.
- 3. SMIFS, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months.
- 4. SMIFS, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report.
- 5. Research Analyst has not served as director/officer/employee in the subject company
- 6. SMIFS has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- 7. SMIFS has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8. SMIFS has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months.
- 9. SMIFS has not received any compensation or other benefits from third party in connection with the research report.
- 10. SMIFS has not engaged in market making activity for the subject company

Analyst holding in stock: NO

Key to SMIFS Investment Rankings

Buy: Return >15%, Accumulate: Return between 5% to 15%, Reduce: Return between -5% to +5%, Sell: Return < -5%

Contact us

SMIFS Limited. (https://www.smifs.com/)

Compliance Officer:

Sudipto Datta,

Vaibhav, 4 Lee Road, Kolkata 700020, West Bengal, India.

Contact No.: +91 33 4011 5401 /91 33 6634 5401

Email Id.: compliance@smifs.com