

Technical & Quant Update

18-Aug-20

Tra	J: .			
ıra	nII	10	La	

POLYCAB - R10	BUY	17-Aug-20
---------------	-----	-----------

On the daily chart, stock price has decisively broken out from its Ascending triangle breakout and sustaining above the same. On the daily and weekly chart the stocks has witnessed a shift of trend to the upward forming base with congestion. The daily strength indicator ADX also moving above 20 with +DMI which is diverging from -DMI supports upside momentum to continue in the near term. Stock prices are sustaining well above all its significant moving averages which supports bullish sentiment ahead. Buy POLYCAB around 885-895 and on dip towards 850-860 with stop loss of 835 for the target of 1000 and 1040.

RADICO - R10	BUY	13-Aug-20
TO TO TO	DUT	13-Aug-20

The stock on the weekly chart has witnessed a trendline breakout and looks positively poised to trade higher. On daily chart, scrip has given a fresh breakout above the consolidation zone along with marginally higher volumes, which suggest next upswing in the prices. The key technical indicators on the near term time frame are in buy mode. The stock has the potential to continue the current up move and will test higher levels. Hence, looking at the current structure we recommend buying in the stock around 163-166 and on a dip towards 154-157 with a stop loss of 143 on closing basis for the target of 184 and 192 levels.

PRAJIND	BUY	13-Aug-20

Following a decline in march, stock hit a low of 43. Subsequently, it rallied back to a high of 72. Since then, the stock has been in sideways range consolidating gains. From last three months, stock has been forming a strong base near 55-58 zone. Few days back stock has given a trendline breakout with good momentum and volume. Bullish crossover in MACD and sustainability of RSI above 60 mark indicate upside move in near term. Traders can accumulate the stock at 67-69 and dip towards 61-63 for the upside target of 85 and 92 with a stop loss of 55 on closing basis.

IRCTC	BUY	12-Aug-20
	DOI	TE AUS EU

IRCTC has completed its correction on down side on 26th March. After that it is rising in impulse and made wave 3 on 8th June. Since the formation of wave 3, IRCTC is trading in a tight consolidation under wave 4 as normal flat and finally made wave 4 on 11th Aug with good volume. Now it has entered in wave 5 with supportive volume. Momentum oscillator Stochastic is also supporting this setup. Therefore we advise our client to buy IRCTC in the range of 1410-1400 and on decline towards 1370-1360 for the price targets of 1508 and 1622 with 1315 as Stop on real time basis.

BUY	11-Aug-20
	BUY

On 24th March 2020 GPPL has completed its internal correction of wave 'c' and started the new impulse wave. On above mentioned chart we can see that after completing wave 1, 2 and 3 it has completed its wave 4 on 30th July 2020. Now we are expecting that currently it is trading in wave 5 and this setup should help GPPL to achieve its target of 93. Because this is the target of wave 5. In second chart it has formed double bottom on daily scale. This pattern is supporting our wave counts. Hence we advice our clients to buy in the range of 80-78 for the price targets of 88 and 93 with 71.95 as stop of closing basis.

Market	Value	% Change
SGX Nifty (at 8.30 am IST)	11275.00	-0.05%

Edition 1623

Nifty Key Levels For The Week

Support	S1: 11100	S2:11000
Resistance	R1:11400	R2:11500

Market Outlook

Index witnessed rangebound move with a positive bias and formed inside bar candle on daily charts. Unless we do not cross or break on one side, we will be sideways for the week. While the underlying tone still seems bullish, we would need to concentrate on the 11100 level which if broken can drop to levels closer to 11000 & 10900 levels. On the upside, we need to go past 11400 on closing and then the target could be 11500 levels.

FII DERIVATIVES POSITION FOR 17-Aug-2020

	Net (Amt. m crs)
INDEX FUTURES	1 <i>,</i> 558
INDEX OPTIONS	462
STOCK FUTURES	(102)
STOCK OPTIONS	81

Institutional Turnover					
FII	Buy(cr.)	Sell(cr.)	Net(cr.)		
17-Aug-20	3,829	3,496	333		
Aug-20	65,958	53,998	11,960		
DII	Buy(cr.)	Sell(cr.)	Net(cr.)		
17-Aug-20	2,766	3,484	(718)		
Aug-20	37,909	45,182	(7,272)		
		(0/)			

Sectoral Performance (%) 1 Week 1 Month 1 Year 1 Day **Auto Components** 3.99 10.03 10.48 1.19 Automobiles 2.92 2.77 10.09 14.43 Chemicals 0.66 0.21 6.31 20.70 Construction & Engineering 9.09 (17.81) 2.01 5.14 Construction Materials 0.20 (0.68)3.94 (0.53) **Diversified Financial Services** 0.56 (0.40)1.95 (10.48) **Electrical Equipment** 0.96 3.58 5.21 (8.92) Energy (0.62)(1.10)6.33 31.39 **Financials** 0.26 (0.86)(0.29) (17.53)**Health Care** (0.06)(2.57)10.96 54.50 Household Durables (0.11)(0.83)(2.30) (0.59)**Household & Personal Products** 0.86 (0.49)(2.82) 12.42 Information Technology 0.89 0.49 6.75 13.87 Metals/Mining/Minerals 1.97 3.18 16.29 (0.35) Telecom (0.65)(4.99)(4.58) 36.76 Utilities 2.69 2.84 6.35 (7.88)

Narnolia®

Participant wise Open Interest In Equities Derivative (no. of contracts)

Long Position							
DII FII Pro Other							
Future Index	10348	80409	25853	95013			
Future Stock	22697	774080	162255	557523			
Option Index Call	1577	166381	207453	676440			
Option Index Put	36264	239218	257412	801756			
Option Stock Call	0	21250	98956	489657			
Option Stock Put	0	25954	130417	196725			

Short Position				
	DII	FII	Pro	Other
Future Index	37824	41954	26387	105458
Future Stock	752379	512332	88741	163103
Option Index Call	0	102520	286722	662609
Option Index Put	0	159615	303210	871825
Option Stock Call	7425	31289	258584	312565
Option Stock Put	0	18097	113975	221024

High ES & High PS Stock Maintaining Strength

BSE Code	NSE CODE	1 Month Return %
532659	IDFC	45.7
532488	DIVISLAB	41.9
524404	MARKSANS	38.1
500228	JSWSTEEL	34.0
512599	ADANIENT	32.8
532301	TATACOFFEE	32.2
500493	BHARATFORG	30.9
533179	PERSISTENT	30.5
532221	SONATSOFTW	27.3
505355	NESCO	26.6

High ES & Low PS Stock Showing Strength

BSE Code	NSE CODE	1 Month Return %
532654	MCLEODRUSS	108.0
532370	RAMCOSYS	70.5
531162	EMAMILTD	50.9
524742	CAPPL	46.6
532175	CYIENT	43.1
514043	HIMATSEIDE	33.8
504067	ZENSARTECH	25.7
532809	FSL	24.8
500188	HINDZINC	22.2
500480	CUMMINSIND	19.2

Low ES & Low PS Stock Maintaining Weakness

BSE Code	NSE CODE	1 Month Return %
502742	SINTEX	(11.4)
509496	ITDCEM	(8.5)
535789	IBULHSGFIN	(7.1)
530073	SANGHVIMOV	(5.1)
530367	NRBBEARING	(4.0)
526612	BLUEDART	(3.7)
500109	MRPL	(3.5)
502865	FORBESGOK	(2.6)
532477	UNIONBANK	(2.0)
512131	SIGNET	(1.9)

Low ES & High PS Stock Showing Weakness

BSE Code	NSE CODE	1 Month Return %
500125	EIDPARRY	(10.4)
532539	MINDAIND	(7.2)
530007	JKTYRE	(6.1)
506395	COROMANDEL	(5.9)
523398	HITACHIHOM	(5.8)
503310	SWANENERGY	(5.8)
500290	MRF	(5.2)
532134	BANKBARODA	(4.1)
500380	JKLAKSHMI	(4.0)
501455	GREAVESCOT	(3.7)

^{*} ES- Earning Score is average of EM (Earning Momentum defined as relative performance in terms of operating profit growth) and EQ (Earning Quality defined as relative balance sheet strength in terms of debt and working capital)

^{*} PS- Price Score is of a companiy is relative price performance in multiple time-frame

[#] Analysis shown here is only for companies with market cap more than Rs 1,000 Cr.



STDC / R25 Open Calls for 18-08-2020

				STDC	C (09)				
No	Date	Type	Buy/Sell	Stock	Entry1	Entry2	SL	Tgt 1	Tgt 2
1	13-Aug-20	STDC	BUY	PRAJIND	68	62	55	85	92
2	12-Aug-20	STDC	BUY	IRCTC	1405	1365	1315	1508	1622
3	11-Aug-20	STDC	BUY	GPPL	80	78	72	88	93
4	07-Aug-20	STDC	BUY	CENTURYTEX	321.5	292.5	254	356	400
5	06-Aug-20	STDC	BUY	JUSTDIAL	390	372	351	418	444
6	15-Jul-20	STDC	BUY	CANBANK	101.5	94.5	87	124	134
7	08-Jul-20	STDC	BUY	ITC	195.5	174.5	161	220	232
8	06-Jul-20	STDC	BUY	BANKBARODA	51.5	44.5	40.5	64	74
9	03-Jul-20	STDC	BUY	PNB	35.5	31.5	28.5	45	52

				R-10	(02)				
No	Date	Type	Buy/Sell	Stock	Entry1	Entry2	SL	Tgt 1	Tgt 2
1	17-Aug-20	R-10	BUY	POLYCAB	890	855	835	1000	1040
2	13-Aug-20	R-10	BUY	RADICO	392.5	378.5	360	430	445





Nifty Weekly 17-Aug-20

VIEW

After sailing smoothly with positive bias in the past few weeks, indian market seems to be struggling at higher levels. On friday, it gave a sudden sock while mirroring the fall in the global market after giving indecisive move from the last four days. Escalating tension between US and China has become the key factor behind this fall which was mainly led by selling in the banking and financial stocks. This ripples of downside can be utilized as a buying opportunity in the near term as broader bull trend remains intact for investors. However, short term traders can wait for a major global or domestic trigger which is required for unfolding the next leg of the rally. Till then, they better take some money off the table and wait for further development.

Technical Outlook-

- a) Once again nifty faced resistance at the 78.6% retracement placed at 11400, failure to breakout the same has invited out the Bears to push the index lower.
- b) Stochastic has given a negative crossover on daily chart is the concerning factor for Bulls.
- c) However, +DMI has managed to sustain above -DMI line for fourth consecutive book on weekly ADX suggesting strength in the broader trend.
- d) For the expansion of up move nifty has to give decisive close above 11400 from where it can extend up to 11500 and 11685 levels
- e) One should keep a close eye on 11000 and 10880 (near 200 DMA) as its breakdown will trigger a decline toward 10750 level, else consolidation will continue.



Narnolia Financial Advisors Limited | Market Strategy Desk





Banknifty Weekly

17-Aug-20

VIEW

After opening with a positive session, Banknifty rose to make a weekly high of 22440 on Thursday. However it was unable to maintain at the higher levels and some selling pressure has witnessed on Friday. At the end of the week Banknifty closed at 21679. It had a net loss of 0.34% over its previous week's close.

By analysing the daily chart of Banknifty it can be said that the index is trading in 20870-23215 channel since last couple of months. We believe trading is the prudent decision as long as the index trades in that particular channel. Therefore we are recommending to initiate fresh long position near the lower band of the channel and book profit near the upper band of the channel.







USDINR Weekly

17-Aug-20

VIEW

Pair remained subdued throughout the week and closed with a minor loss of 12 paisa. Bulls pushed the currency pair above 20 DMA's and started trading side ways but the structure is still looking weak as it continued to trade in the similar area pattern which we have been discussing in our last few week's article. Despite the pause in the downswing, rupee still remians in a sticky range of 50 paisa which again gives cues of bearish sentiment. However, domestic currency will be guided more by the movement in the dollar index, which is witnessing pullback from its two years lows and the pace at which RBI will look to store forex reserves.

TECHNICAL FACTORS-

- a) Formation of descending triangle on daily chart indicate negative momentum for near term
- b) However appearance of Hammer on weekly chart suggest the possibility of uptick
- c) But clusters of medium term moving averages still acting as a major resistance zone
- d) Sustainability below falling trendline indicate the possibility of downswing
- e) Descending triangle breakdown is expected below 74.45 which can push the pair lower towards 74 and 73.50 mark.
- f) As long as the pair holds below 75.70 mark, upmove will be short lived and traders can follow sell on rise strategy



Narnolia Financial Advisors Limited | Market Strategy Desk





R--10 : Long / BUY 17-Aug-20

BSE Code	542652
NSE Symbol	POLYCAB
52wk Range H/L	1180/525
Mkt Capital (Rs Cr)	2292
Av.Cash Volume(00000)	2.77



R-10: BUY POLYCAB @ 895-885 & ON DIP TOWARDS 850-860 SL- 835 TGT- 1000, 1040

On the daily chart, stock price has decisively broken out from its Ascending triangle breakout and sustaining above the same. On the daily and weekly chart the stocks has witnessed a shift of trend to the upward forming base with congestion. The daily strength indicator ADX also moving above 20 with +DMI which is diverging from -DMI supports upside momentum to continue in the near term. Stock prices are sustaining well above all its significant moving averages which supports bullish sentiment ahead. Buy POLYCAB around 885-895 and on dip towards 850-860 with stop loss of 835 for the target of 1000 and 1040.





R-10 : Long / BUY 13-Aug-20

BSE Code	532497
NSE Symbol	RADICO
52wk Range H/L	439/220
Mkt Capital (Rs Cr)	5358
Av.Cash Volume(00000)	1.7



R-10 BUY RADICO @ 390-395 AND ON DIP TOWARDS 377-380 SL-360 (CL BS) TGT- 430 445

The stock on the weekly chart has witnessed a trendline breakout and looks positively poised to trade higher. On daily chart, scrip has given a fresh breakout above the consolidation zone along with marginally higher volumes, which suggest next upswing in the prices. The key technical indicators on the near term time frame are in buy mode. The stock has the potential to continue the current up move and will test higher levels. Hence, looking at the current structure we recommend buying in the stock around 163-166 and on a dip towards 154-157 with a stop loss of 143 on closing basis for the target of 184 and 192 levels.





STDC: Long / BUY 13-Aug-20

BSE Code	522205
NSE Symbol	PRAJIND
52wk Range H/L	129/43
Mkt Capital (Rs Cr)	1260
Av.Cash Volume(00000)	2.64



STDC BUY PRAJIND @ 67-69 AND ON DIP TOWARDS 61-63 SL- 55 (CL BS) TGT- 85 92

Following a decline in march, stock hit a low of 43. Subsequently, it rallied back to a high of 72. Since then, the stock has been in sideways range consolidating gains. From last three months, stock has been forming a strong base near 55-58 zone. Few days back stock has given a trendline breakout with good momentum and volume. Bullish crossover in MACD and sustainability of RSI above 60 mark indicate upside move in near term. Traders can accumulate the stock at 67-69 and dip towards 61-63 for the upside target of 85 and 92 with a stop loss of 55 on closing basis.





STDC: Long / BUY 12-Aug-20

BSE Code	542830
NSE Symbol	IRCTC
52wk Range H/L	1995/625
Mkt Capital (Rs Cr)	2908
Av.Cash Volume(,000)	
Open Interest	



STDC: BUY IRCTC BETWEEN 1410-1400 AND DECLINE TOWARDS 1370-1360 SL 1315 TGT 1508/1622

IRCTC has completed its correction on down side on 26th March. After that it is rising in impulse and made wave 3 on 8th June. Since the formation of wave 3, IRCTC is trading in a tight consolidation under wave 4 as normal flat and finally made wave 4 on 11th Aug with good volume. Now it has entered in wave 5 with supportive volume. Momentum oscillator Stochastic is also supporting this setup. Therefore we advise our client to buy IRCTC in the range of 1410-1400 and on decline towards 1370-1360 for the price targets of 1508 and 1622 with 1315 as Stop on real time basis.





STDC: Long / BUY 11-Aug-20

BSE Code	533248	Buy Price	
NSE Symbol	GPPL	Stop Loss	
52wk Range H/L	99.30/45.50	Target Price1	
Mkt Capital (Rs Cr)	2080	Target Price2	
Av.Cash Volume(,000)		Upside in Tgt1	
Open Interest		Upside in Tgt2	



STDC: BUY GPPL BETWEEN 80-78 SL 71.95(CLOSING BASIS) TGT 88/93

On 24th March 2020 GPPL has completed its internal correction of wave 'c' and started the new impulse wave. On above mentioned chart we can see that after completing wave 1, 2 and 3 it has completed its wave 4 on 30th July 2020. Now we are expecting that currently it is trading in wave 5 and this setup should help GPPL to achieve its target of 93. Because this is the target of wave 5. In second chart it has formed double bottom on daily scale. This pattern is supporting our wave counts. Hence we advice our clients to buy in the range of 80-78 for the price targets of 88 and 93 with 71.95 as stop of closing basis.





STDC: Long / BUY 7-Aug-20

BSE Code	500040
NSE Symbol	CENTURYTEX
52wk Range H/L	656.90/218.60
Mkt Capital (Rs Cr)	3600.13
Av.Cash Volume(,000)	2304.5
Open Interest	



BUY CENTURYTEX IN 319-323 RANGE & 290-295 RANGE SL 254 (closing basis) TGT 356, 400

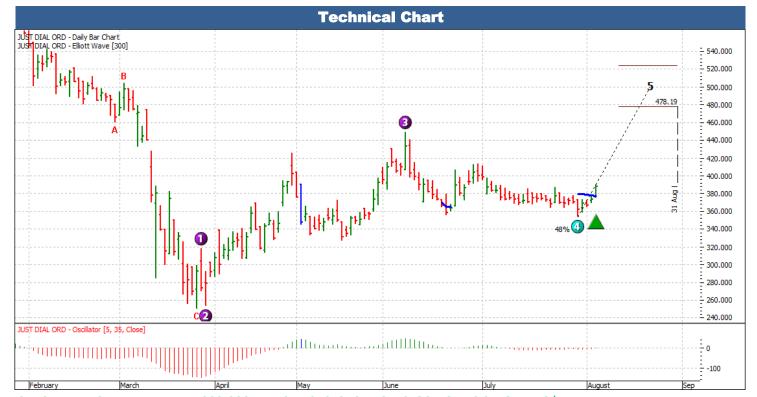
The stock has given a bullish breakout above 320. A golden cross has also formed in between 50 & 100 DMAs. So some short term up move is very likely in the stock. Therefore we recommend initiating fresh long position in the stock for the target price of 356 and then 400.





STDC: Long / BUY 6-Aug-20

BSE Code	535648
NSE Symbol	JUSTDIAL
52wk Range H/L	756.45/250.55
Mkt Capital (Rs Cr)	1668
Av.Cash Volume(,000)	
Open Interest	



STDC: BUY JUSTDIAL BETWEEN 392-388 AND 374-370, SL 351 ON CLOSING BASIS, TGTs 418/444

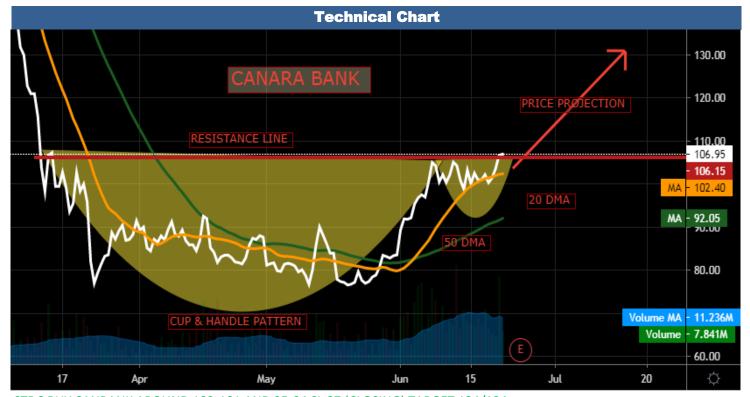
On 26th March 2020 it has completed an internal wave 'c' at 250 and fresh impulsive wave started from this point. On the above mentioned chart we have mentioned the impulsive wave labeling of 1, 2, 3, 4 and also projectd wave 5 with targets (time and price wise both). Volume distribution setup is also supporting this structure. At wave 4 it has formed a Double Bottom setup which is bullish sign. Hence we advise our client to buy JUSTDIAL in two tranches. First 50% between 192-188 and rest 50% can be bought on decline towards 174-170 with 151 as stop on closing basis for the targets of 418 and 444.





STDC: Long / BUY 15-Jul-20

BSE Code	532483
NSE Symbol	CANBK
52wk Range H/L	296/73
Mkt Capital (Rs Cr)	2160
Av.Cash Volume(00000)	13.35



STDC BUY CANBANK AROUND 102-101 AND 95-94 SL 87 (CLOSING) TARGET 124/134

A Cup & Handle reversal pattern forms after a down trend, and its completion marks a trend reversal to up trend. C & H patterns are an integral part of technical analysis, but successful traders combine these techniques with technical indicators and other forms of technical analysis to maximize their odds of success. In the standard Cup & Handle pattern, we connect the high after Cup with the high created after the handle. A trend line is drawn by connecting these highest points of the two peaks, which is called as "Neckline". This trend line is the most important component of C & H pattern. CANNK has given a rounding bottom breakout around 100 for having targets of 120. At the same time ths stock is having a strong resistance line standing around 108 levels indicating strong bullish breakout above these levels. Recent formation of cup and Handle pattern will give a breakout on a close above 108 marks which suggests buying in the stock on dip for higher targets of 135 too. Volume can also add further insight while trading these patterns. Decent volume participation while giving breakout is also giving support to C & H pattern.

Narnolia®



STDC: Long / BUY 8-Jul-20

BSE Code	500875
NSE Symbol	ITC
52wk Range H/L	282/134
Mkt Capital (Rs Cr)	173720
Av.Cash Volume(Lakhs)	17



STDC BUY ITC AROUND 197-194 AND 173-176 SL 161 TARGET 220/232

ITC is trading in a rising wedge every since it made a bottom near 134 levels and upper trend line comes near 220 marks. Recently it has given golden crossover and as per the setup prices should move up towards higher pivot points in short-term and mid-term as well. At the same time prices has given trend line breakout on the upside with the expansion of bands on daily chart suggesting a continuation of trend in the direction of breakout. MACD has given bullish crossover and about to move above equilibrium level of zero on daily chart. It has been in a steady uptrend in last few days with higher trough and crests as well. Positive crossover of 20 and 50 dma's suggest firm support on dips. Looking at above raionale traders can accumulate this stock for higher levels.





STDC: Long / BUY 6-Jul-20

BSE Code	532134
NSE Symbol	BANKBARODA
52wk Range H/L	36/114
Mkt Capital (Rs Cr)	5604
Av.Cash Volume(00000)	1200



STDC BUY BANK OF BARODA AROUND 51.50-50.50 & 44-45 SL 40.50(CLOSING) TARGET 64/74

Gann's wheels and Squares are some of the most common applications and form the cornerstone of Gann's work. Gann emphasizes on natural squares acting as a support and resistance in stock prices. In case of Bank of Baroda surprisingly recent swing low is 36 which is exact square of 6 and thereafter it is trading higher by taking support. Not only it has taken support but also it is trading above 49 levels which is (6+1) square as its current market price is 50. Understanding above rationale we can make a buying decision in the stock for higher levels. As per one of the method of Gann suggests 'even to even' cycle of the stock and as per this method, stock has made a bottom of 36 which is square of 6; hence immediate cycle on upside can go (6+2) square which comes to 64. So one can consider profit booking near 64 levels. Gann gave importance to crucial ratio of 5/8 or 62.5 in all of his trading methods. Keeping it mind we have calculated 5/8 levels of entire rise, which comes to 40.60. Entire bullish view negates on a breach of 5/8 levels and in case of BANKBARODA, we will consider 40.60 as a stop loss level. We recommend buying Bank of Baroda (BANKBARODA) around 51.50-50.50 & 44-45 SL 40.50(CLOSING) TARGET 64/74.





STDC: Long / BUY 3-Jul-20

BSE Code	532461
NSE Symbol	PNB
52wk Range H/L	83/26
Mkt Capital (Rs Cr)	3877
Av.Cash Volume(00000)	12.25



STDC BUY PNB AROUND 36-35.50 AND 32-31.50 SL 28.50 (CLOSING) TARGET 45/52

This Scrip spurted from a low of 26 after forming cup and handle pattern, it showed pullback on upside marked the high of 35.50 marks and started consolidating there. Currently, it is waiting for another breakout on upside so that it can accelerate buying momentum further. Line of polarity on daily time frame of chart standing around 34 is suggesting bullish momentum in the scrip. Indicators and oscillators are also showing conducive scenario in the coming sessions. So based on the mentioned technical structure one can go long in the scrip around 36 and lower towards 32 for the target of 45/52 marks keeping a stop loss of 28.50.

Narnolia Financial Advisors Ltd. is a SEBI registered Research Analyst having SEBI Registration No. INH300006500. The Company/Analyst (s) does/do not have any holding in the stocks discussed but these stocks may have been recommended to clients in the past. Clients of Narnolia Financial Advisors Ltd. may be holding aforesaid stocks.

The stocks recommended are based on our analysis which 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.

<u>Disclosures</u>: Narnolia Financial Advisors Ltd. (NFAL) (FormerlyMicrosec Capital Ltd.) is a SEBI Registered Research Analyst having registration no. INH300006500. NFALis engaged in the business of providing Stock Broking, Depository Participant, Merchant Banking, Portfolio Management & distribution of various financial products. Details of associate entities of NFAL is available on the website at www.narnolia.com

No penalties have been levied on NFAL by any Regulatory/Statutory authority. NFAL, it's associates. Research Analyst or their relative may have financial interest in the subject company. NFAL and/or its associates and/or Research Analyst may have beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report, NFAL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of NFAL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report. Research Analyst may have served as director/officer, etc. in the subject company in the last 12 month period. NFAL and/or its associates may have received compensation from the subject company in the past 12 months. In the last 12 months period ending on the last day of the month immediately preceding the date of publication of this research report, NFAL or any of its associates may have: a) managed or co-managed public offering of securities from subject company of this research report, b) received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, c) received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report. d) Subject Company may have been a client of NFAL or its associates during 12 months preceding the date of distribution of the research report. NFAL and it's associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. NFAL and / or its affiliates may do and seek to do business including Investment Banking with companies covered in the research reports. As a result, the recipients of this report should be aware that NFAL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific Merchant Banking, Investment Banking or Brokerage service transactions. Research Analyst's views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of NFAL or its associates maintains arm's length distance with Research Team as all the activities are segregated from NFAL research activity and therefore it can have an independent view with regards to subject company for which Research Team have expressed their views.

Analyst Certification The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Disclosure of Interest Statement-

Analyst's ownership of the stocks mentioned in the Report	NIL

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com.

Correspondence Office Address: Arch Waterfront, 5th Floor, Block GP, Saltlake, Sector 5, Kolkata 700 091; Tel No.: 033-40541700; www.narnolia.com.

Registered Office Address: Marble Arch, Office 201, 2nd Floor, 236B, AJC Bose Road, Kolkata 700 020; Tel No.: 033-4050 1500; www.narnolia.com

Compliance Officer: Manish Kr Agarwal, Email Id: mkagarwal@narnolia.com, Contact No.:033-40541700.

Registration details of Company: Narnolia Financial Advisors Ltd. (NFAL): SEBI Stock Broker Registration: INZ000166737 (NSE/BSE/MSEI); NSDL/CDSL: IN-DP-380-2018; Research Analyst: INH300006500, Merchant Banking: (Registration No.: INM000010791), PMS: (Registration No.: INP000002304), AMFI Registered Mutual Fund distributor: ARN 3087

Registration Details of Group entities: G. Raj & Company Consultants Ltd (G RAI)-BSE Broker INZ260010731; NSDL DP: IN-DP-NSDL-371-2014 || Narnolia Commerze Limited (Formerly Microsec Commerze Ltd.)-MCX/NCDEX Commodities Broker: INZ000051636 || NarnoliaVelox Advisory Ltd.- SEBI Registered PMS: INP000005109 || Eastwind Capital Advisors Pvt Ltd. (EASTWIND)-SEBI Registered Investment Adviser: INA300005439 || Narnolia Insurance Brokers Limited (Formerly Microsec Insurance Brokers Ltd.)-IRDA Licensed Direct Insurance Broker (Life & Non-Life) Certificate No. 134, License No. D8046/02 || Narnolia Securities Ltd. (NSL)-AMFI Registered Mutual Fund distributor: ARN 20558, PFRDA NPS POP: 27092018 || Narnolia Capital Advisors Pvt. Ltd. - RBI Registered NBFC:B.05.02568.

Disclaimer:

This report has been prepared by Narnolia Financial Advisors Ltd. (NFAL)and is meant for sole use by the recipient and not for public circulation. The report and information contained herein is strictly confidential 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 NFAL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Nothing in this 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 report may not be suitable for all investors, who must make their own investment objectives, financial positions and needs of specific recipient. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult his/her/its own advisors to determin

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject NFAL & its group companies to registration or licensing requirements within such jurisdictions.