

Technical & Quant Update

08-Sep-20

Trading (Calls
-----------	-------

BODALCHEM - R10 BUY	04-Sep-20
---------------------	-----------

BODALCHEM- Short term trend of the stock is looking positive as it is trading above all the major DMAs (100 &200). A 'Positive divergence' on Stochastic was also formed on the daily chart. So some immediate up move is very likely from the current level.

AUROPHARMA BUY 04-Sep-20

On the daily chart, you will see that the AUROPHARMA has completed a long term correction on 23rd March 2020. Since 23 March 2020, it has been rising in Impulse, which we have shown in the above chart with elliott wave labeling. After completing Wave 3 on 10 August 2020 at 967.50, it has completed wave 4 on 1st september. Our expectation for wave 5 is that it can go up to 925 or even above it. You are advised to maintain 769 as stop loss on closing basis for the target of wave 5. If we connect the low of 28th July and 1st September, we will find that it has made a double bottom on the daily chart, which is also a bullish sign. Hence we recommend buy between 825-815 and on decline towards 795-785 for the price targets of 888 and 925 with 769 on closing basis as stop loss.

KOTAKBANK BUY 28-Aug-20

On daily chart, the stock has taken the support of the rising trend line and 20, 50, 100 & 200 days SMA. Stock also gave breakout from its consolidation zone on daily chart along with the ascending triangle pattern breakout of the medium bull trend on chart indicating a pullback on upside. Formation of bullish engulfing on weekly chart also indicates a positive move. The momentum indicators and oscillators are very well in the buy mode on a weekly scale which hints that bulls are still having an upper hand. Based on the above technical structure, one can take a long position in the stock around 1420-1440 and on a dip towards 1380-1360 with a stop loss of 1265 on closing basis for the target of 1560 and 1620.

BHARTIARTL - R10	BUY	24-Aug-20
------------------	-----	-----------

BHARTIARTL- After getting a strong support at 200 DMA, the stock gave a smart pullback rally yesterday. A 'Pearcing Line' was also formed on the daily chart. So some more upward movement is very likely in the near future.

GODREJCP - R10 BUY 24-Aug-20

Short term correction seems to be over in the stock and bulls are likely to take the charge again. The bullish candlestick pattern on August 24, 2020 near 50 and 20 days moving average suggests that bulls have entered in a counter at consolidation levels. Further, the falling trend line breakout on Friday's trading session with decent volume is providing an additional signal that short term rally might not be ruled out in the coming days. The short term moving averages ribbon is developing a bullish curve after a recent correction and prices are trading above all its major short term and medium-term moving averages. Traders can initiate long positions at 680-687 and on any dip till 661-337 for a gain of 780 and 810 with stop loss of 618 on closing basis.

Market	Value	% Change
SGX Nifty (at 8.30 am IST)	11379.50	-0.09%

Edition 1639

Nifty Key Levels For The Week

Support	S1: 11250	S2:11100
Resistance	R1:11450	R2:11510

Market Outlook

Formation of dragon fly doji on daily chart has instilled some sort of confidence among bulls as buying emerge from lower levels. Nifty tried it's best to find short term bottom for itself and suggest the extension of this pullback further towards the bearish gap of 4 sep which is lying in the area of 11450-11510 zone. Immediate support lies at 11250 followed by 11100 levels.

FII DERIVATIVES POSITION FOR 07-Sep-2020

	Net (Amt. in crs)
INDEX FUTURES	653
INDEX OPTIONS	(333)
STOCK FUTURES	(50)
STOCK OPTIONS	(46)

11	nstitutiona	al Turnovei	-
FII	Buy(cr.)	Sell(cr.)	Net(cr.)
07-Sep-20	3,496	3,503	(7)
Sep-20	27,640	28,051	(411)
DII	Buy(cr.)	Sell(cr.)	Net(cr.)
07-Sep-20	2,988	3,804	(816)
Sep-20	16,668	19,253	(2,585)

Sectoral Performance (%) 1 Day 1 Week 1 Month 1 Year **Auto Components** 4.39 7.11 (0.11)(0.04)Automobiles (0.37)2.18 5.95 15.61 Chemicals (0.31)1.68 4.62 25.72 Construction & Engineering (0.65)(1.03)5.61 (19.15) Construction Materials (0.40)(0.46)(3.52) 3.02 **Diversified Financial Services** (0.67)(1.10)0.31 (8.06) **Electrical Equipment** 0.01 1.41 5.81 (7.16) Energy (0.02)(0.53)(3.12) 32.26 **Financials** (0.50)(2.03)3.31 (11.99) **Health Care** 0.23 2.22 0.13 46.51 Household Durables (0.11)1.62 7.93 6.81 **Household & Personal Products** 0.92 1.62 (1.66) 11.67 Information Technology 0.98 1.88 1.17 10.76 Metals/Mining/Minerals (0.19)0.33 2.58 0.39

(0.17)

(0.28)

3.78

(1.10)

(0.89) 47.67

(9.18)

4.87

Telecom

Utilities

Narnolia®

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

Long Position				
	DII	FII	Pro	Other
Future Index	8724	73438	18608	110993
Future Stock	30942	682343	180138	579790
Option Index Call	267	174867	211788	841689
Option Index Put	34438	289948	225222	734113
Option Stock Call	0	22510	76510	474153
Option Stock Put	0	20851	143934	125446

Short Position				
	DII	FII	Pro	Other
Future Index	27224	54067	20585	109887
Future Stock	727055	519377	64200	162581
Option Index Call	0	128438	339743	760430
Option Index Put	0	177988	245322	860411
Option Stock Call	2507	30421	263919	276326
Option Stock Put	0	13502	79212	197517

High ES & High PS Stock Maintaining Strength

BSE Code	NSE CODE	1 Month Return %
532772	DCB	28.5
500495	ESCORTS	24.2
532636	INDIAINFO	23.5
532978	BAJAJFINSV	21.5
532922	EDELWEISS	20.2
508989	NAVNETEDUL	18.6
532259	APARINDS	17.9
533400	FCEL	17.7
532953	VGUARD	17.6
523405	JMFINANCIL	17.3

High ES & Low PS Stock Showing Strength

BSE Code	NSE CODE	1 Month Return %
533261	EROSMEDIA	25.8
532784	SOBHA	23.6
532548	CENTURYPLY	22.9
500330	RAYMOND	20.8
533155	JUBLFOOD	19.9
523385	NILKAMAL	18.7
532652	KTKBANK	18.4
500325	RELIANCE	18.1
532644	JKCEMENT	17.6
532811	AHLUCONT	17.6

Low ES & Low PS Stock Maintaining Weakness

BSE Code	NSE CODE	1 Month Return %
532659	IDFC	(9.3)
523598	SCI	(7.6)
505163	ZFSTEERING	(7.4)
522275	ALSTOMT&D	(7.3)
532944	ONMOBILE	(6.7)
522249	MAYURUNIQ	(5.3)
532915	RELIGARE	(5.0)
500124	DRREDDY	(4.9)
532749	ALLCARGO	(4.7)
531795	ATULAUTO	(3.7)

Low ES & High PS Stock Showing Weakness

BSE Code	NSE CODE	1 Month Return %
500570	TATAMOTORS	(13.4)
500185	HCC	(11.7)
532555	NTPC	(10.9)
509496	ITDCEM	(7.4)
500620	GESHIP	(6.9)
532221	SONATSOFTW	(6.7)
523204	ABAN	(6.1)
512070	UPL	(5.0)
526586	WIMPLAST	(4.8)
500106	IFCI	(4.7)

^{*} 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 08-09-2020

				STDC	C (08)				
No	Date	Type	Buy/Sell	Stock	Entry1	Entry2	SL	Tgt 1	Tgt 2
1	04-Sep-20	STDC	BUY	AUROPHARMA	820	790	769	888	925
2	28-Aug-20	STDC	BUY	KOTAKBANK	1430	1370	1265	1560	1620
3	13-Aug-20	STDC	BUY	PRAJIND	68	62	55	85	92
4	03-Aug-20	STDC	BUY	BANDHANBANK	315.5	291.5	272	365	385
5	15-Jul-20	STDC	BUY	CANBANK	101.5	94.5	87	124	134
6	08-Jul-20	STDC	BUY	ITC	195.5	174.5	161	220	232
7	06-Jul-20	STDC	BUY	BANKBARODA	51.5	44.5	40.5	64	74
8	03-Jul-20	STDC	BUY	PNB	35.5	31.5	28.5	45	52

				R-10	(04)				
No	Date	Type	Buy/Sell	Stock	Entry1	Entry2	SL	Tgt 1	Tgt 2
1	04-Sep-20	R-10	BUY	BODALCHEM	74.5	66	58	84	98
2	24-Aug-20	R-10	BUY	GODREJCP	683.5	664	618	780	810
3	24-Aug-20	R-10	BUY	BHARTIARTL	522.5	507.5	470	580	610
4	18-Aug-20	R-10	BUY	ONGC	80.5	72	69	92	97





Nifty Weekly 7-Sep-20

VIEW

Domestic market lost steam after reaching near **our mentioned target of 11800** mark. Border tension between India & China, Weakest data of GDP and implementation of new margin norms by SEBI were the negative news which shocked the entire market with the Nifty losing over 2.6%. Short term top has been made now and the market is unlikely to move past this zone too soon. As the upside from current levels looks limited in the absence of triggers, we advise investors to remain cautious and avoid leverage bets to avoid getting caught on the wrong side.

Technical Outlook-

- a) Nifty registered **Bearish engulfing** pattern on a weekly scale which suggest that now the Bears are attacking from a higher levels after a decent rally of four to five weeks
- b) It has **negated the formation of higher tops and higher bottoms**, completely wiped out previous week gain.
- c) A spike in volatility from lower levels indicate a volatile swing
- d) Confirmation of this reversal pattern can come after a decisive close **below 11300 mark** and then nifty can slip towards **11000 levels** from where **pullback is expected** on upside.
- e) Any bounce back attempt into **the zone of 11580-11600** shall be encountered with selling pressure. Hence, traders are advised to make use of rallies to short with a stop above **11800 on a closing basis**.







Banknifty Weekly

7-Sep-20

VIEW

After giving a gap-up opening, Banknifty rose to make a weekly high of 25232 on Monday. However it was unable to maintain at the higher level and a sharp selling pressure was witnessed in the index. At the end of the week Banknifty closed at 23011. It had a net loss of 6.2% over its previous week's close.

OBSERVATIONS:

Currently following things are witnessing on the chart of Banknifty.

- 1) Banknifty has found huge supply at 200 DMA.
- 2) A 'Dark cloud cover' pattern was formed on the weekly chart of the index.

By analysing the above observations it can be concluded that Banknifty has found a stiff resistance at 200 DMA and thereafter gave a sharp correction from that level. Formation of 'Dark cloud cover' on the weekly chart is giving indication of some more correction in the near future. On the downward path Banknifty may find strong support at 22220 and then 21340.







USDINR Weekly

7-Sep-20

VIEW

In line with our projection, domestic currency soared against the US dollar and appreciated to six month high while touching 72.755 mark. RBI took certain measures for maintaining the stability in the financial system through open money market operation and also by increasing Held to maturity (HTM) for bond holding by banks which helped Rupee to recover their previous losses. We expect that RBI can do more rate cuts over the next few months due to larger than expected contraction in GDP.

TECHNICAL FACTORS-

- a) Pair continued with the weak and remained volatile within the range of 95 paisa in this week.
- b) On the weekly chart, pair formed **spinning bottom** candle and has continued to trade in lower lows and lower high
- c) Daily strength indicator ADX surpassed DMI suggest strength in the bearish trend of pair
- d) Key support lies at **72.40** from where it can see a pullback toward **73.90** and **74.50** mark where resistance stand
- e) However, if it trades below 72.40 mark then it is likely to extend the down fall and test **72 and 71.75** mark on downside.







R--10 : Long / BUY 4-Sep-20

BSE Code	524370
NSE Symbol	BODALCHEM
52wk Range H/L	361.75/612
Mkt Capital (Rs Cr)	874.44
Av.Cash Volume(00000)	14.3



BUY BODALCHEM AROUND 74-75 AND 65-67 SL 58 (CLOSING) TARGET 84/98

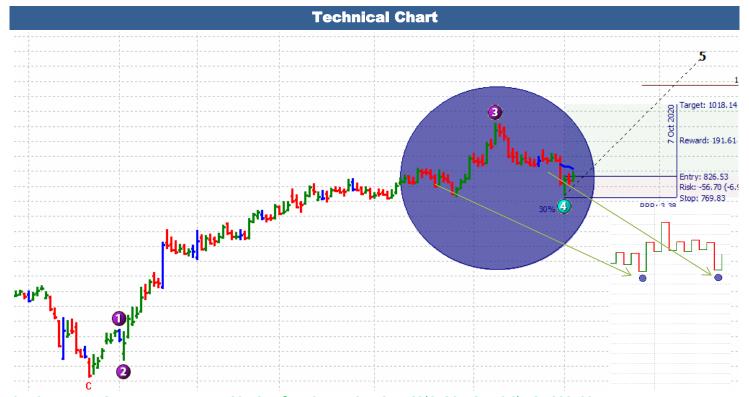
BODALCHEM- Short term trend of the stock is looking positive as it is trading above all the major DMAs (100 &200). A 'Positive divergence' on Stochastic was also formed on the daily chart. So some immediate up move is very likely from the current level.



AUROPHARMA

STDC: Long / BUY 4-Sep-20

BSE Code	524804
NSE Symbol	AUROPHARMA
52wk Range H/L	967.60/281.15
Mkt Capital (Rs Cr)	47976
Av.Cash Volume(,000)	23028
Open Interest	



STDC: BUY AUROPHARMA BETWEEN 825-815 & DECLINE 795-785, 769(CLOSING BASIS) TGT 888, 925

On the daily chart, you will see that the AUROPHARMA has completed a long term correction on 23rd March 2020. Since 23 March 2020, it has been rising in Impulse, which we have shown in the above chart with elliott wave labeling. After completing Wave 3 on 10 August 2020 at 967.50, it has completed wave 4 on 1st september. Our expectation for wave 5 is that it can go up to 925 or even above it. You are advised to maintain 769 as stop loss on closing basis for the target of wave 5. If we connect the low of 28th July and 1st September, we will find that it has made a double bottom on the daily chart, which is also a bullish sign. Hence we recommend buy between 825-815 and on decline towards 795-785 for the price targets of 888 and 925 with 769 on closing basis as stop loss.





STDC: Long / BUY 28-Aug-20

BSE Code	500247	I	Buy Price	1440-1420 & 1380-
NSE Symbol	KOTAKBANK	S	Stop Loss	1265
52wk Range H/L	1739/1000	<u>-</u>	Target Price1	1560
Mkt Capital (Rs Cr)	290458	5	Target Price2	1520
Av.Cash Volume(00000)	31.31	Ţ	Upside in Tgt1	15.00%
		Ī	Upside in Tgt2	25.00%



STDC: BUY KOTAKBANK @ 1440-1420 AND DIP TOWARDS 1380-1360 SL-1265 TGT- 1560 1620

On daily chart, the stock has taken the support of the rising trend line and 20, 50, 100 & 200 days SMA. Stock also gave breakout from its consolidation zone on daily chart along with the ascending triangle pattern breakout of the medium bull trend on chart indicating a pullback on upside. Formation of bullish engulfing on weekly chart also indicates a positive move. The momentum indicators and oscillators are very well in the buy mode on a weekly scale which hints that bulls are still having an upper hand. Based on the above technical structure, one can take a long position in the stock around 1420-1440 and on a dip towards 1380-1360 with a stop loss of 1265 on closing basis for the target of 1560 and 1620.





R-10 : Long / BUY 24-Aug-20

BSE Code	532454
NSE Symbol	BHARTIARTL
52wk Range H/L	361.75/612
Mkt Capital (Rs Cr)	288380.76
Av.Cash Volume(00000)	18418.5



BUY BHARTIARTL AROUND 520-525 AND 505-510 SL 470 (CLOSING) TARGET 580/610

BHARTIARTL- After getting a strong support at 200 DMA, the stock gave a smart pullback rally yesterday. A 'Pearcing Line' was also formed on the daily chart. So some more upward movement is very likely in the near future.





R--10 : Long / BUY 24-Aug-20

BSE Code	532424
NSE Symbol	GODREJCP
52wk Range H/L	771/425
Mkt Capital (Rs Cr)	70065
Av.Cash Volume(00000)	10.12



R-10: BUY GODREJCP @ 680-687 AND ON DIP TOWARDS 661-667 SL-618 TGT-780 810

Short term correction seems to be over in the stock and bulls are likely to take the charge again. The bullish candlestick pattern on August 24, 2020 near 50 and 20 days moving average suggests that bulls have entered in a counter at consolidation levels. Further, the falling trend line breakout on Friday's trading session with decent volume is providing an additional signal that short term rally might not be ruled out in the coming days. The short term moving averages ribbon is developing a bullish curve after a recent correction and prices are trading above all its major short term and medium-term moving averages. Traders can initiate long positions at 680-687 and on any dip till 661-337 for a gain of 780 and 810 with stop loss of 618 on closing basis.

Narnolia®



R10 : Long / BUY 18-Aug-20

BSE Code	500312
NSE Symbol	ONGC
52wk Range H/L	50/149
Mkt Capital (Rs Cr)	29240
Av.Cash Volume(00000)	163



R-10 BUY ONGC AROUND 81-80 AND 72.50-71.50 SL 69(CLOSING) TARGET 92/97

ONGC corrected heavily and formed bottom near 50 marks few weeks back. The stock has formed specific harmonic pattern ABCD and its D point concludes near 50. As per the post pattern implication of this pattern this script should retrace towards higher levels. As we put Fibonacci retracement with one point lower to 'C', 50% retracement levels come near 100. At the same time previous swing bottom comes near 110 marks, which also supportive for prices. Furthermore, momentum oscillators are conductive for prices too. Looking at above mentioned rationale, we suggest buying to buy ONGC around 80 for targets of 50% retracement mark standing around 100.





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 3-Aug-20

BSE Code	541153
NSE Symbol	BANDHANBNK
52wk Range H/L	152-650
Mkt Capital (Rs Cr)	46448
Av.Cash Volume(Lakhs)	200



STDC BUY BANDHANBANK AROUND 316-313 AND 290-293 SL 272 TARGET 365/385

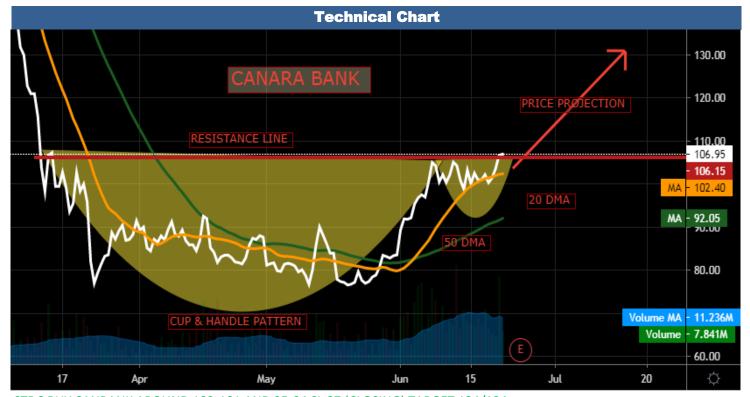
Bandhan Bank is trading above crucial support standing around 275 marks with positive sentiments. This stock is trading higher after making a bottom near 200 levels in the last month. At the same time crucial support trend line is also supportive to the counter near 270-280 zone indicates higher probability of short term bottoming out scenario near 280 levels. Overall this script is running in rising channel pattern and upper trend line is standing around 385 marks. Relative Strength Index is trading above 50 is also adding support to positive momentum. Looking at above technical rationale, we suggest buying Bandhan Bank around 313-316 and lower around 290-293 keeping a stop loss of 272 on closing basis for higher targets of 365 and it can be extended to 385 levels.





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	Buy Price	173-176 & 194-19
NSE Symbol	ITC	Stop Loss	16
52wk Range H/L	282/134	Target Price1	220
Mkt Capital (Rs Cr)	173720	Target Price2	233
Av.Cash Volume(Lakhs)	17	Upside in Tgt1	11.00%
		Upside in Tgt2	18.00%



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.