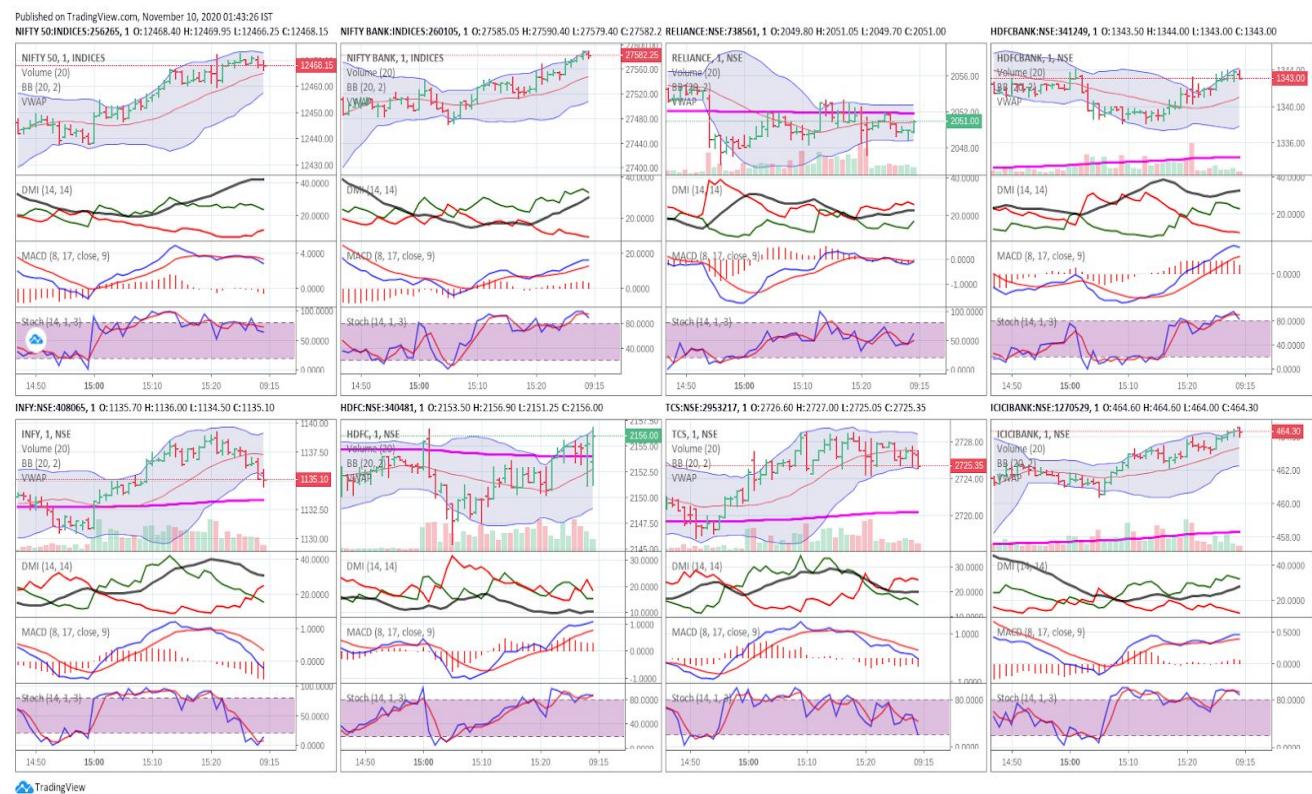


DEFTLY TRADING NIFTY



DEFTLY TRADING NIFTY50

FOR NOVICE AND PRO-TRADERS ALIKE

by Sujay Ramanujadasan



Sujay Ramanujadasan



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Adiyargal Vazha, Aranganagar Vazha

Defining Nifty 50:

The NIFTY 50 is the flagship index on the National Stock Exchange of India Ltd. (NSE). The Index tracks the behavior of a portfolio of blue-chip companies, the largest and most liquid Indian securities. It includes 50 of the all companies listed and/ or traded on the NSE, captures approximately 66% of its float-adjusted market capitalization and is a true reflection of the Indian stock market. The NIFTY 50 covers major sectors of the Indian economy and offers investment managers exposure to the Indian market in one efficient portfolio. The Index has been trading since April 1996 and is well suited for benchmarking, index funds and index-based derivatives. The NIFTY 50 is owned and managed by NSE Indices Limited (formerly known as India Index Services & Products Limited-IISL), India's first specialized company focused on an index as a core product.

The NIFTY 50 is a 50 stock, float-adjusted market-capitalization weighted index for India. It is used for a variety of purposes, such as benchmarking fund portfolios, index-based derivatives and index funds. The NIFTY 50 is derived from economic research and is created for those interested in investing and trading in Indian equities.

The NIFTY 50 stocks represent about 66% of the total float adjusted market capitalization of the National Stock Exchange (NSE).The National Stock Exchange of India Limited (NSE) commenced trading in derivatives with index futures on June 12, 2000. The futures contracts on the NSE are based on the NIFTY 50. The exchange introduced trading on index options based on the NIFTY 50 on June 4, 2001. Additionally, exchange traded derivatives contracts linked to NIFTY 50 are traded at Singapore Exchange Ltd. (SGX).

The NIFTY 50 is computed using a float-adjusted, market capitalization weighted methodology*, wherein the level of the index reflects the total market value of all the stocks in the index relative to a particular base period. The methodology also takes into account constituent changes in the index and corporate actions such as stock splits, rights issuance, etc., without affecting the index value.

NIFTY 50 Participants	
Adani Ports and Special Economic Zone Ltd.	Indian Oil Corporation Ltd.
Asian Paints Ltd.	IndusInd Bank Ltd.
Axis Bank Ltd.	Infosys Ltd.
Bajaj Auto Ltd.	JSW Steel Ltd.
Bajaj Finance Ltd.	Kotak Mahindra Bank Ltd.
Bajaj Finserv Ltd.	Larsen & Toubro Ltd.
Bharat Petroleum Corporation Ltd.	Mahindra & Mahindra Ltd.
Bharti Airtel Ltd.	Maruti Suzuki India Ltd.
Britannia Industries Ltd.	NTPC Ltd.
Cipla Ltd.	Nestle India Ltd.
Coal India Ltd.	Oil & Natural Gas Corporation Ltd.
Divi's Laboratories Ltd.	Power Grid Corporation of India Ltd
Dr. Reddy's Laboratories Ltd.	Reliance Industries Ltd.
Eicher Motors Ltd.	SBI Life Insurance Company Ltd.
GAIL (India) Ltd.	Shree Cement Ltd.
Grasim Industries Ltd.	State Bank of India
HCL Technologies Ltd.	Sun Pharmaceutical Industries Ltd.
HDFC Bank Ltd.	Tata Consultancy Services Ltd.
HDFC Life Insurance Company Ltd.	Tata Motors Ltd.
Hero MotoCorp Ltd.	Tata Steel Ltd.
Hindalco Industries Ltd.	Tech Mahindra Ltd.
Hindustan Unilever Ltd.	Titan Company Ltd.
Housing Development Finance Corporation Ltd.	UPL Ltd.
ICICI Bank Ltd.	UltraTech Cement Ltd.
ITC Ltd.	Wipro Ltd.

Table: List of Nifty50 stocks as on Nov 2020

Dissecting the constituents of NIFTY 50:

SI No	Company Name	Sector	Weightage
1	Reliance Industries Ltd.	Petroleum Products	13.2%
2	HDFC Bank Ltd.	Banks	10.22%
3	Infosys Limited	Software	7.72%
4	Housing Development Fin. Corp. Ltd.£	Finance	6.85%
5	Tata Consultancy Services Ltd.	Software	5.56%
6	ICICI Bank Ltd.	Banks	5.38%
7	Kotak Mahindra Bank Limited	Banks	4.5%
8	Hindustan Unilever Ltd.	Consumer Non Durables	3.67%
9	ITC Ltd.	Consumer Non Durables	2.87%
10	Axis Bank Ltd.	Banks	2.43%
11	Larsen and Toubro Ltd.	Construction Project	2.26%
12	Bharti Airtel Ltd.	Telecom - Services	2.07%
13	Asian Paints Limited	Consumer Non Durables	1.98%
14	Maruti Suzuki India Limited	Auto	1.84%
15	HCL Technologies Ltd.	Software	1.82%
16	Bajaj Finance Ltd.	Finance	1.74%
17	State Bank of India	Banks	1.44%
18	Nestle India Ltd.	Consumer Non Durables	1.22%
19	Dr Reddys Laboratories Ltd.	Pharmaceuticals	1.18%
20	Mahindra & Mahindra Ltd.	Auto	1.13%
21	UltraTech Cement Limited	Cement	1.05%
22	Wipro Ltd.	Software	1.01%
23	Sun Pharmaceutical Industries Ltd.	Pharmaceuticals	1%
24	Tech Mahindra Ltd.	Software	1%
25	Titan Company Ltd.	Consumer Durables	0.97%
26	HDFC Life Insurance Company Limited	Finance	0.92%
27	Power Grid Corporation of India Ltd.	Power	0.87%

28	NTPC Limited	Power	0.84%
29	Britannia Industries Ltd.	Consumer Non Durables	0.81%
30	Divis Laboratories Ltd.	Pharmaceuticals	0.8%
31	Cipla Ltd.	Pharmaceuticals	0.76%
32	Bajaj Auto Limited	Auto	0.75%
33	Hero MotoCorp Ltd.	Auto	0.72%
34	Bajaj Finserv Ltd.	Finance	0.67%
35	Indusind Bank Ltd.	Banks	0.66%
36	Tata Steel Ltd.	Ferrous Metals	0.62%
37	Grasim Industries Ltd.	Cement	0.61%
38	JSW Steel Ltd.	Ferrous Metals	0.61%
39	SBI Life Insurance Company Ltd.	Finance	0.6%
40	Eicher Motors Ltd.	Auto	0.58%
41	Shree Cement Ltd.	Cement	0.58%
42	Bharat Petroleum Corporation Ltd.	Petroleum Products	0.57%
43	Adani Ports & Special Economic Zone	Transportation	0.52%
44	Hindalco Industries Ltd.	Non - Ferrous Metals	0.5%
45	UPL Ltd.	Pesticides	0.5%
46	Coal India Ltd.	Minerals/Mining	0.48%
47	Oil & Natural Gas Corporation Ltd.	Oil	0.47%
48	Tata Motors Ltd.	Auto	0.47%
49	Indian Oil Corporation Ltd.	Petroleum Products	0.4%
50	GAIL (India) Ltd.	Gas	0.31%

Table : Nifty 50 and its composite stocks with its weightage as on NOV 2020

Breaking down Nifty 50 sector-wise:

Petroleum Products		
1	Reliance Industries Ltd.	13.2%
2	Bharat Petroleum Corporation Ltd.	0.57%
3	Indian Oil Corporation Ltd.	0.4%
	Total	14.17%

Table: Petroleum Products constituents

Banks		
1	HDFC Bank Ltd.	10.22%
2	ICICI Bank Ltd.	5.38%
3	Kotak Mahindra Bank Limited	4.5%
4	Axis Bank Ltd.	2.43%
5	State Bank of India	1.44%
6	Indusind Bank Ltd.	0.66%
	Total	24.63%

Table: Bank constituents

Software		
1	Infosys Limited	7.72%
2	Tata Consultancy Services Ltd.	5.56%
3	HCL Technologies Ltd.	1.82%
4	Wipro Ltd.	1.01%
5	Tech Mahindra Ltd.	1%
	Total	17.11%

Table: Software constituents

Finance		
1	Housing Development Fin. Corp. Ltd.£	6.85%
2	Bajaj Finance Ltd.	1.74%
3	HDFC Life Insurance Company Limited	0.92%
4	Bajaj Finserv Ltd.	0.67%
5	SBI Life Insurance Company Ltd.	0.6%
Total		10.06%

Table: Finance constituents

Consumer Non-Durables		
1	Hindustan Unilever Ltd.	3.67%
2	ITC Ltd.	2.87%
3	Asian Paints Limited	1.98%
4	Nestle India Ltd.	1.22%
5	Britannia Industries Ltd.	0.81%
Total		10.55%

Table: Consumer Non-Durables constituents

Consumer Durables		
1	Titan Company Ltd.	0.97%
Total		0.97%

Table: Consumer Durables constituents

Construction Project		
1	Larsen and Toubro Ltd.	2.26%
Total		2.26%

Table: Construction Project constituents

Telecom - Services		
1	Bharti Airtel Ltd.	2.07%
	Total	2.07%

Table: Telecom Service constituents

Auto		
1	Maruti Suzuki India Limited	1.84%
2	Mahindra & Mahindra Ltd.	1.13%
3	Bajaj Auto Limited	0.75%
4	Hero MotoCorp Ltd.	0.72%
5	Eicher Motors Ltd.	0.58%
6	Tata Motors Ltd.	0.47%
	Total	5.49%

Table: Auto constituents

Pharmaceuticals		
1	Dr Reddys Laboratories Ltd.	1.18%
2	Sun Pharmaceutical Industries Ltd.	1%
3	Divis Laboratories Ltd.	0.8%
4	Cipla Ltd.	0.76%
	Total	3.74%

Table: Pharmaceuticals constituents

Cement		
1	UltraTech Cement Limited	1.05%
2	Grasim Industries Ltd.	0.61%
3	Shree Cement Ltd.	0.58%
	Total	2.24%

Table : Cement constituents

Power		
1	Power Grid Corporation of India Ltd.	0.87%
2	NTPC Limited	0.84%
	Total	1.71%

Table: Power constituents

Ferrous Metals		
1	Tata Steel Ltd.	0.62%
2	JSW Steel Ltd.	0.61%
	Total	1.23%

Table : Ferrous Metals constituents

Transportation		
1	Adani Ports & Special Economic Zone	0.52%
	Total	0.52%

Table : Transportation constituents

Non - Ferrous Metals		
1	Hindalco Industries Ltd.	0.5%
	Total	0.50%

Table: Non-Ferrous Metals constituents

Pesticides		
1	UPL Ltd.	0.5%
	Total	0.5%

Table: Pesticides constituents

Minerals/Mining		
1	Coal India Ltd.	0.48%
	Total	0.48%

Table: Mineral/Mining constituents

Oil		
1	Oil & Natural Gas Corporation Ltd.	0.47%
	Total	0.47%

Table: Oil constituents

Gas		
1	GAIL (India) Ltd.	0.31%
	Total	0.31%

Table : Gas constituents

Weightage of each constituent affecting the Nifty 50 index as a whole, now explained, gives rise to two more mathematical variables called Beta and Correlation factor which significantly affects the movement of Nifty and stocks axiomatically.

Deciphering charts:

Charts of various types various templates timeframes in various price notations each having its one advantage over one another and global fan following for 1 hour one another it doesn't matter which notation of charts one uses as long as the price indicates the correct real time settlement

some of the notations that are globally used are OHLC, Japanese candlestick, Heikin-ashi, Area under volume, Line chart, Renko, Point and Figure, Kagi etc.



Fig : Nifty index in 1-min time frame in OHLC,Candle,Heikin Ashi and Area frames

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Fig: Nifty index in 1-min time frame Line, Renko, Point and Figure and Kagi frames

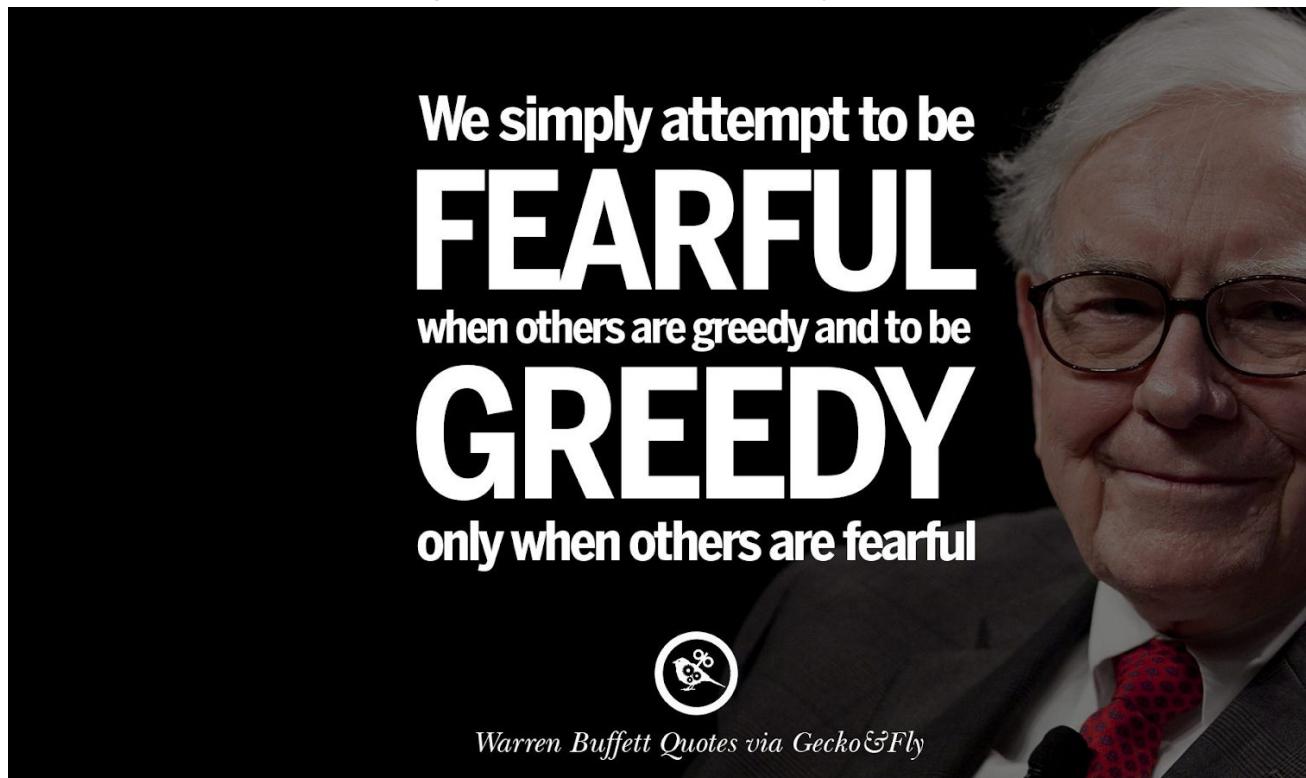


Fig: OHLC chart in various time frame, each indicating a price pattern which interpolated with the past data, can be extrapolated with certain probabilistic accuracy as to what the future price movement/action will be.

Charts are nothing but visual representation of the mathematical data points or data sets which occur and settle on real time basis, with zero tolerance for error, and zero tolerance for delay in data points broadcast. The visual representation is much more soothing for non mathematical background people or non math liking group, who are better at finding patterns using colour code combinations for easy easy to deduce highs and lows. Complex financial mathematics of stock market is not for many, neither is equipped with the capacity to understand that high level maths, and i am one among them.

A simple chart notation can be used to denote growth of a country, valuation of a stock, valuation of index, valuation of commodity, valuation of a company cost accounting. The possibility is endless and uses are many.

Having said that, people who are math genius make a huge amount of money using maths alone. Best example is Warren Buffett- Oracle of Omaha, a math buff, who doesn't buy stock, but buys a % of company share when he decides to buy and sits with the board of management of that company.



Jim Simons, an American-Jewish teenager, a math prodigy, swept floors at one point of time, before NSA(National Security Agency- USA) employed him as codebreaker in defense network. His math works for him and his natural math advantage on quantitative analysis, streamlined and made a whole new market for quantitative investors. His net salary in 2016 was USD \$1.6 billion, and he is worth USD \$23 billion. He is regarded as the person who cracked Wall-Street.



Quantitative math traders have a natural man-made advantage over everybody else if their algorithm they deploy is right. With the explosive ability of the news and data reaching globalised world in matter of milliseconds , cheaper internet costs, disposable computer computation power, thanks to the advent of cloud and GPU's, tons of programming language which with direct API access to the exchange, and the advent of discount brokers whose plans are relatively as cheap as free, the new market dynamics is going to flood the world if the math is right. But that's not for everybody, and certainly not for me.

I want things to be explained to me as simply as possible, and any complexity is the time for me to quit. It's my way of doing things, and my way of explaining things to others also.

Technical Analysis

I will straight away jump to the charts, there is no point in explaining things in a series of paragraphs and articles which a human eye can deduce by itself which put in pictorial form.



Fig: Nifty 1 min chart, taken realtime on Nov 11(12:33PM),2020

The relative activity of BUY and SELL of the Nifty constituents result in the formation of Highs and Lows(alternatively Peaks and Troughs) all settled in the real-time. Remember, each change in the price of the Nifty constituents changes the overall market capitalization of the company as a whole, and hence the index. At the high point of the day, Nifty might be high, and at the low point of the day, Nifty might be low, and it has to be corresponded with the movement of other Nifty index constituents also.

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Fig : Nifty, Reliance, HDFC bank, Infy, all in realtime, 1 min chart as on Nov 11(12:41PMP),2020



Fig : Nifty, HDFC, TCS, ICICI Bank, all in realtime, 1 min chart as on Nov11(12:43PM),2020

Sujay Ramanujadasan

The companies as graded in the above pictures with Nifty are with decreasing weightage. Look at the way stocks affects the way Nifty rise and falls. These happen at real-time and happen for all the hours the market is open.

Price in the charts can be collaborated with certain other mathematical toolsets called indicators, which were invented and utilised from the days before charts on computers were made possible. They were meticulously drafted and drawn on graph sheets. We need not worry about those mathematics or calculation sets, all we have to do is to respect the authors hardwork and the phenomenal way to give away the formula for everybody to use.

There are more than 70+ technical indicators available in both free and paid charting softwares. All have their own advantage and disadvantages, each have their own compatibility in various time frames, and each toolset and indicators have a huge fan following who will jump into fight to defend the ability to forecast and predict the trend or trade occurring in the future.

Among all the toolsets, i use and advocate the use of simple toolset numbering 7 in total, in all the charts. Index, Stock, Currency, Commodity, Crypto-Currency etc, these basic toolsets are enough.

The technical indicators i will use and give examples to each and everything are,

1. BollingerBand
2. ADX(Average Directional Movement Index) or DMI(Directional Movement Index)
3. MACD(Moving Average Convergence Divergence)
4. Stochastics(Fast or Slow)
5. VWAP(Volume Weighted Average Price)

BOOLINGER-BAND



Fig: Nifty 1 min chart, without BollingerBand(BB for short)

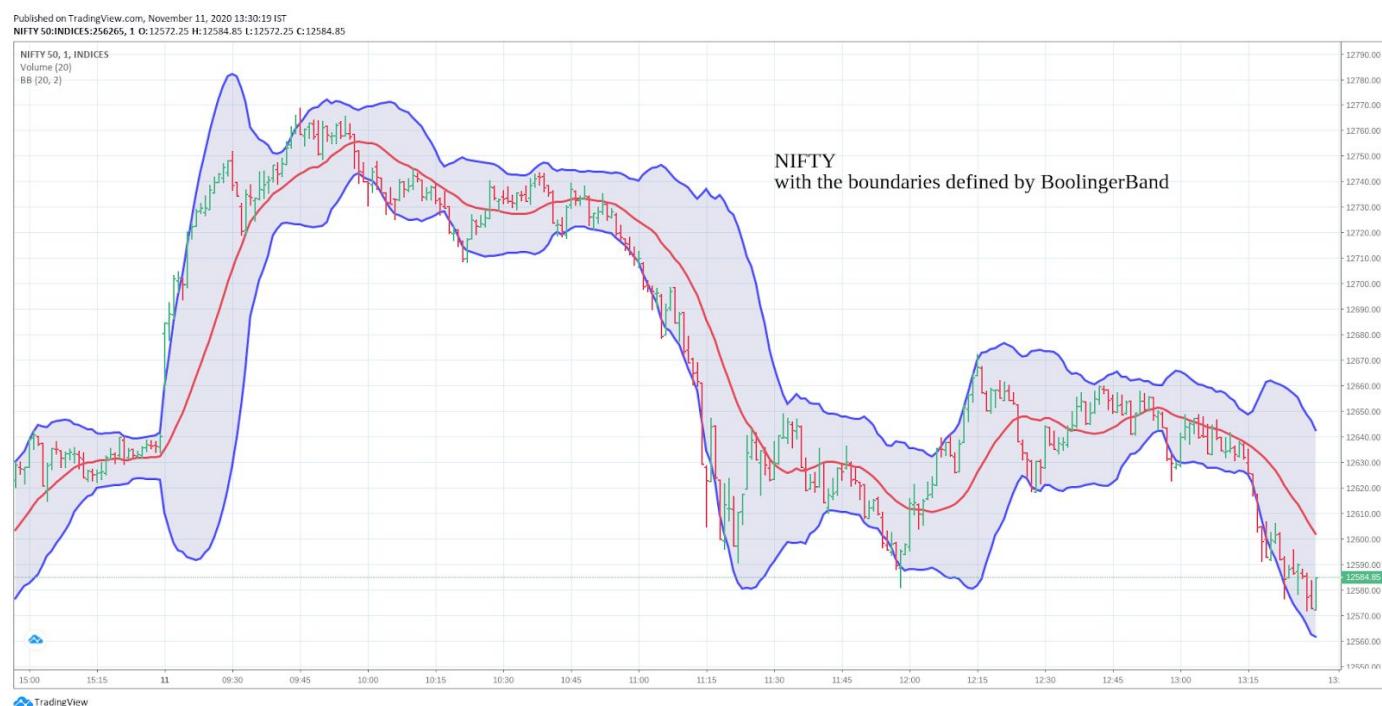


Fig: Nifty 1 min chart with boundaries of Bollingerband

Features of BoollingBand:

1. It has 3 lines, Upper BB, Mid BB, Lower BB
2. Price hitting Upper BB will revert back to Mid BB,
3. Price hitting Mid BB will either reach Upper BB or Lower BB,based on the momentum
4. Price hitting Lower BB will revert back to Mid BB
5. Price hitting Mid BB will either reach Upper BB or Lower BB,based on the momentum

Any violent violation of BB features will eventually return back to the defined boundaries of BB, but it will take time. Violation happens, but the correction in price definitely happen as well.

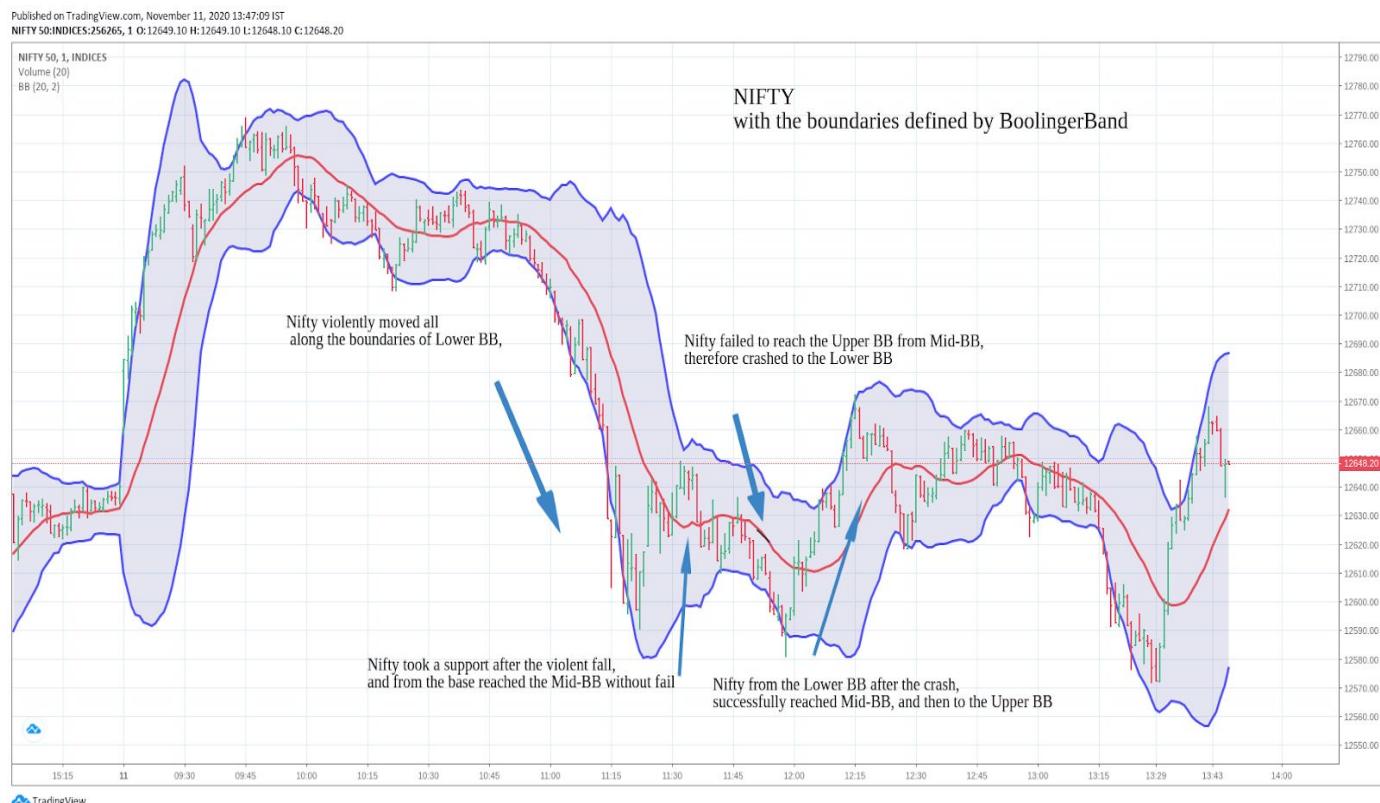


Fig : Nifty 1 min chart with BB levels crash and recover explained.

The same BB logic can be applied to various time frames across Nifty(others also). Successive images will explain the successful testing of BB as an example.

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Published on TradingView.com, November 11, 2020 14:00:26 IST
 NIFTY 50:INDICES:256265, 5 O:12689.65 H:12693.90 L:12689.65 C:12691.50

NIFTY 50, 5, INDICES
 Volume [20]
 BB [20, 2]

Nifty 5-min and BB boundaries

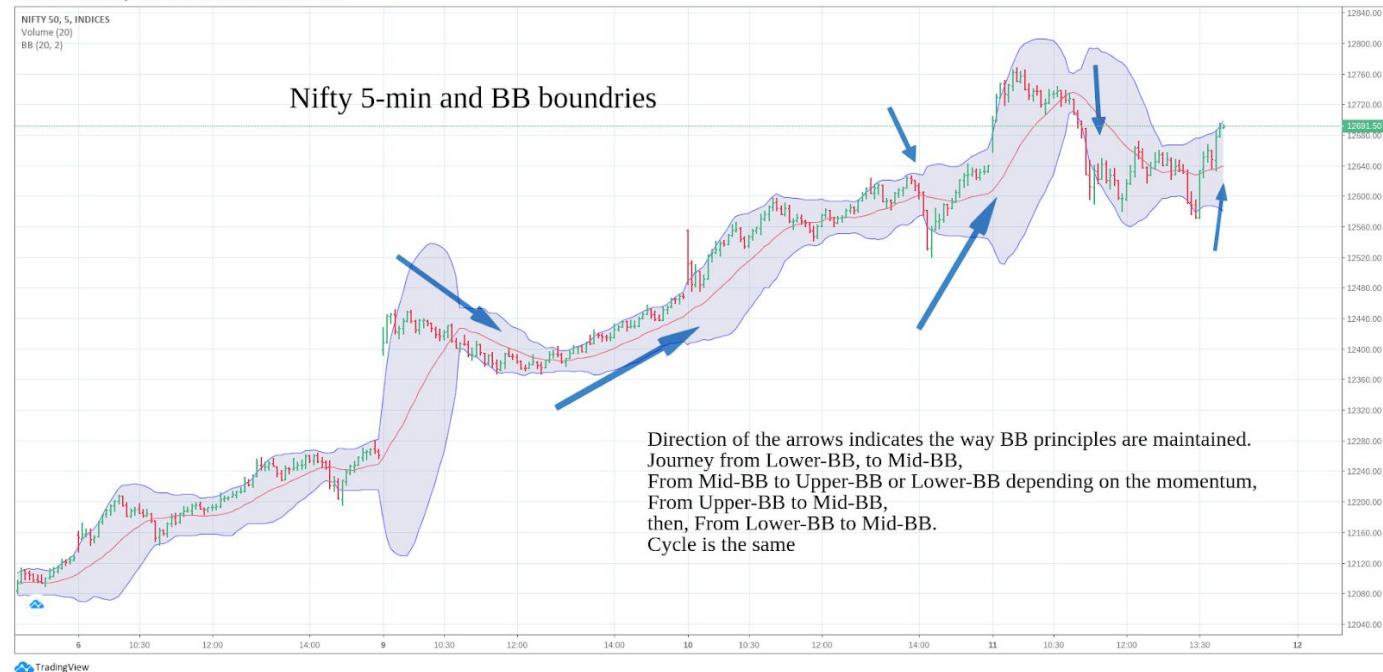


Fig: Nifty 5-min chart and BB logic

Published on TradingView.com, November 11, 2020 14:03:32 IST
 NIFTY 50:INDICES:256265, 30 O:12660.25 H:12707.60 L:12634.15 C:12706.00

NIFTY 50, 30, INDICES
 Volume [20]
 BB [20, 2]

Nifty 30-min and BB boundaries

Direction of the arrows indicates the way BB principles are maintained.
 Journey from Lower-BB, to Mid-BB,
 From Mid-BB to Upper-BB or Lower-BB depending on the momentum,
 From Upper-BB to Mid-BB,
 then, From Lower-BB to Mid-BB.
 Cycle is the same



Fig : Nifty 30 min chart and BB logic

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Published on TradingView.com, November 11, 2020 14:05:59 IST
 NIFTY 50:INDICES:256265, 60 O:12630.10 H:12713.00 L:12571.95 C:12706.05

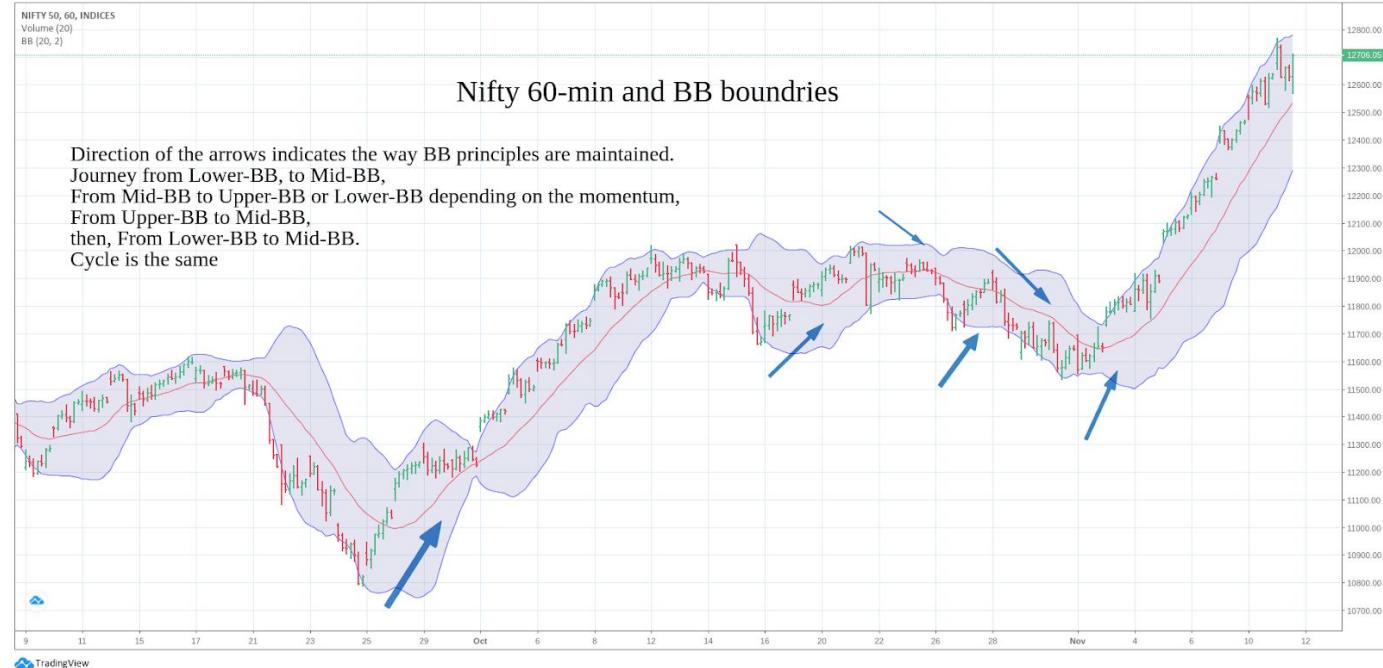


Fig: Nifty 60min chart and BB logic

Published on TradingView.com, November 11, 2020 14:08:25 IST
 NIFTY 50, 180, INDICES:256265, 180 O:12664.20 H:12713.00 L:12571.95 C:12706.85



Fig : Nifty 3Hr chart and BB logic

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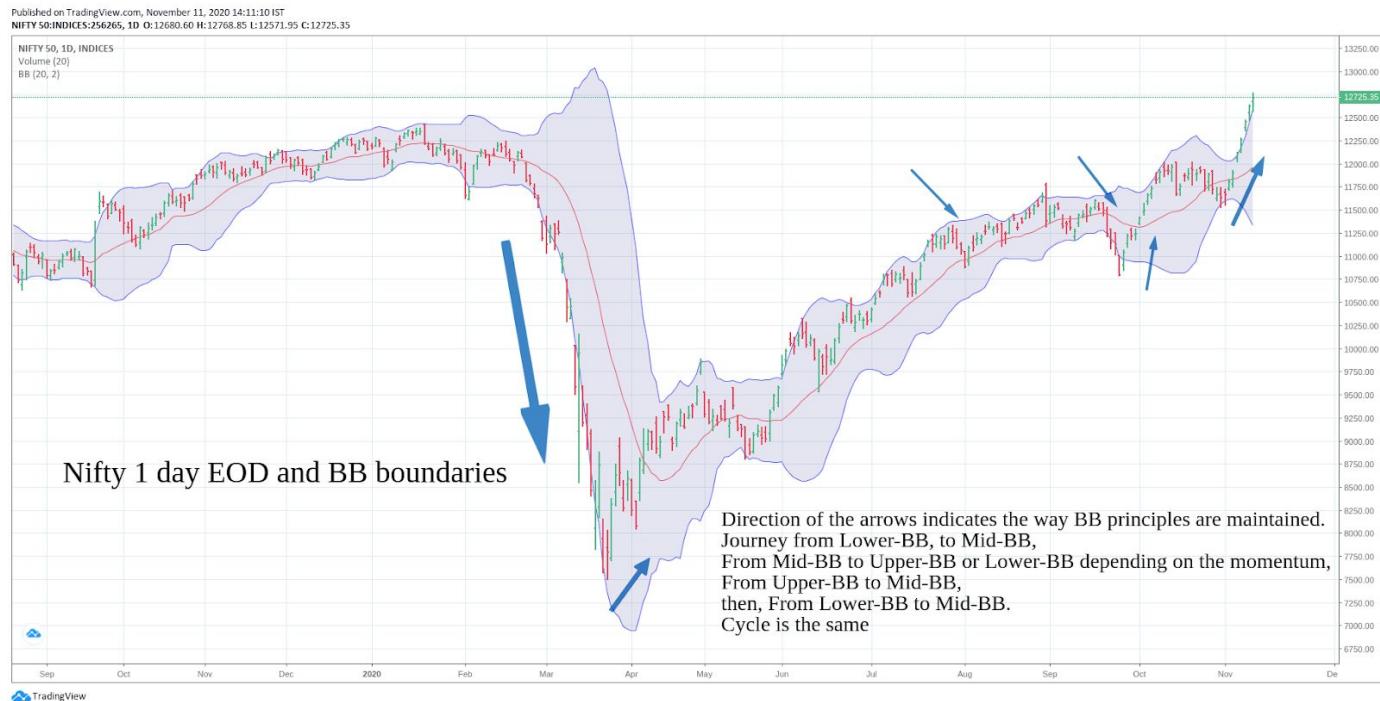


Fig: Nifty 1 day EOD and BB logic

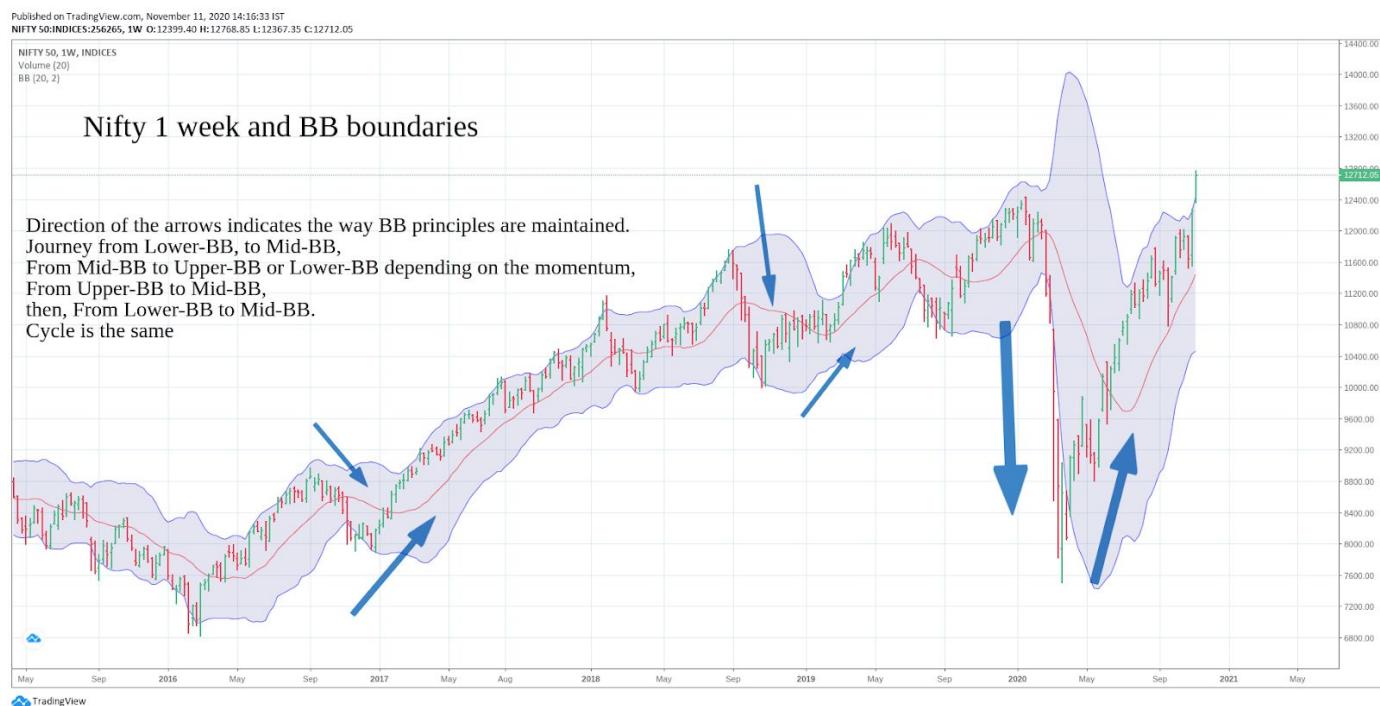


Fig : Nifty 1 week and BB logic

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Published on TradingView.com, November 11, 2020 14:18:41 IST
 NIFTY 50:INDICES:256265, 1M O:11697.35 H:12768.85 L:11557.40 C:12725.50



Fig : Nifty 1 month and BB logic

Published on TradingView.com, November 11, 2020 14:21:56 IST
 NIFTY 50:INDICES:256265, 60 O:12717.45 H:12735.90 L:12704.05 C:12726.00

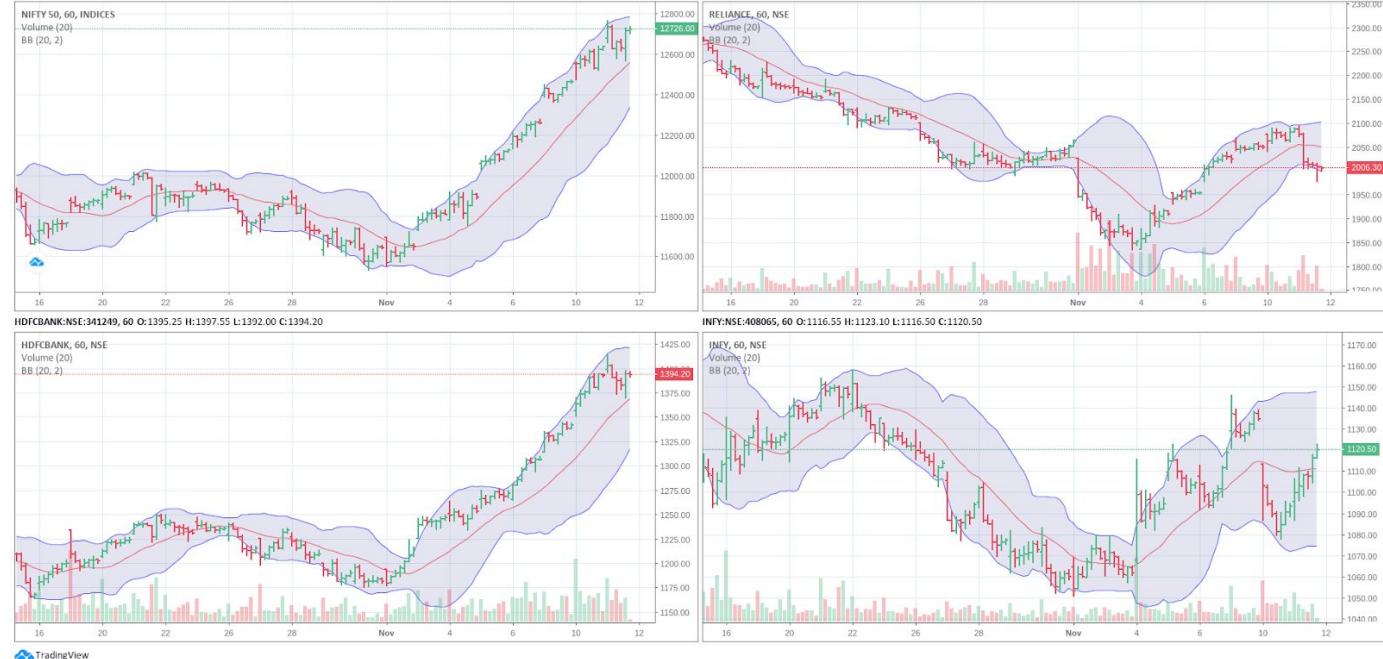


Fig : BB logic on 1 hour chart of Nifty,RELIANCE,HDFCBANK,INFY

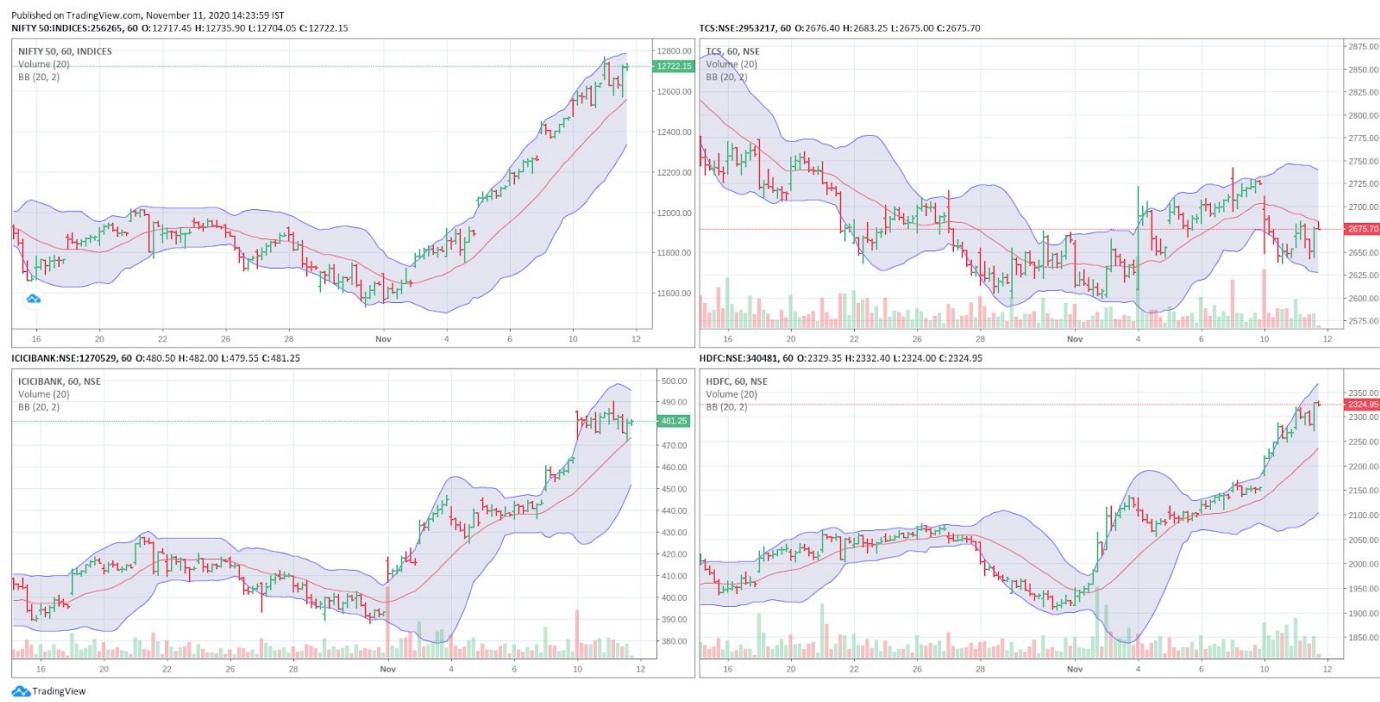


Fig: BB logic on 1 hour chart of Nifty,TCS,ICICIBANK,HDFC

The logic of Bollinger Band works throughout, it never fails. The Nifty or its constituents always move within the boundary set by the Bollinger Band setting. Customising BB to your own time period will work, but what it lacks is the way to calculate the momentum upto which the price will move, either upwards or downwards.

The calculation of momentum is incorporated into next technical indicator called ADX or DMI.

ADX or DMI

ADX - Average Directional Movement Index alternatively

DMI - Directional Movement Index, both are same, only named different in different charting software.

There are three components of DMI/ADX.

+DI - Positive Directional Indicator

-DI - Negative Directional Indicator

ADX - Strength of the trend



Fig: Nifty 1 min with ADX/DMI

+DI - is strong when the price moves higher and higher, higher than the previous candle

-DI - is strong when the price moves lower and lower, lower than the previous candle.

+DI mentally signifies BULL run

-DI mentally signifies BEAR run.

ADX - the third line is the measure of what the strength is, and is rated from the level of 0-100. ADX doesn't tell whether the trend in the chart is BULL or BEAR, it just signifies that IF there is a trend, what the strength.

SI No	0-100	Remark
1	0-15	Trend is setting but is not strong
2	15-25	Trend is strong
3	25-50	Trend is very strong
4	50-80	Rare, but Trend is at its strongest point

Table: Different levels of ADX and its characteristics



Fig: Nifty 1 min, with ADX/DMI indicator

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Fig: Nifty 5-min with ADX



Fig: Nifty 10min with ADX

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Published on TradingView.com, November 11, 2020 16:03:07 IST
 NIFTY 50:INDICES:256265, 60 O:12746.75 H:12762.20 L:12746.65 C:12757.20



Fig : Nifty 1Hr with ADX

Published on TradingView.com, November 11, 2020 16:05:38 IST
 NIFTY 50:INDICES:256265, 180 O:12746.75 H:12762.20 L:12746.65 C:12757.20



Fig : Nifty 3Hr with ADX

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Fig : Nifty 1 day with ADX



Fig: Nifty 1 Week with ADX

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Published on TradingView.com, November 11, 2020 16:12:52 IST
 NIFTY 50:INDICES:256265, 1M O:11697.35 H:12768.85 L:11557.40 C:12757.20

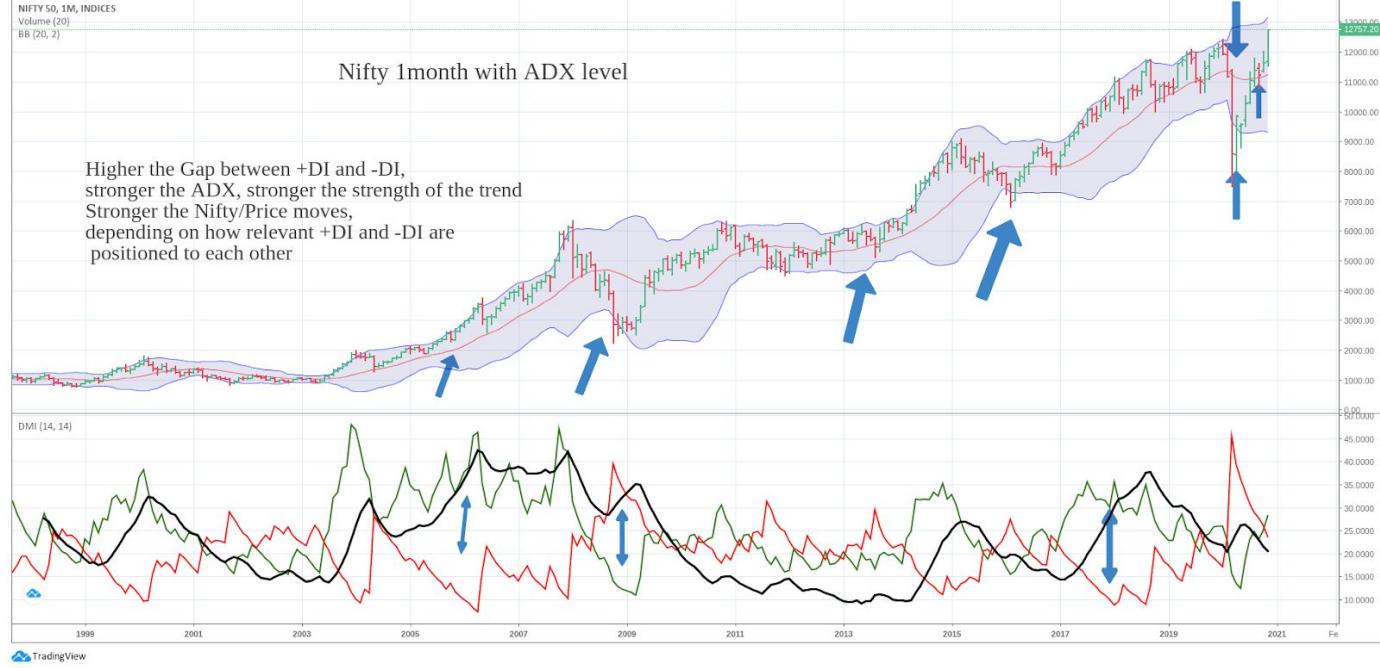


Fig : Nifty 1 month with ADX

Published on TradingView.com, November 11, 2020 16:21:43 IST
 NIFTY 50:INDICES:256265, 60 O:12740.75 H:12762.20 L:12748.65 C:12757.20

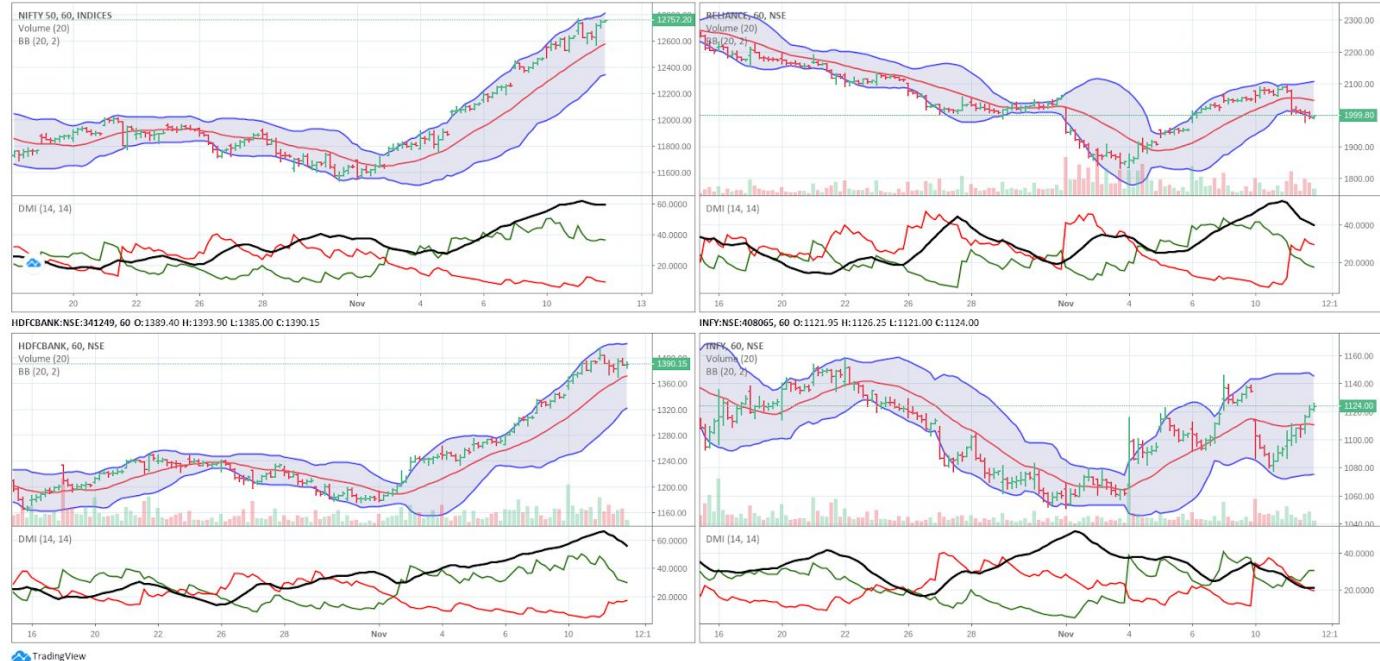


Fig: 1 hour chart of Nifty, RELIANCE, HDFCBANK, INFY

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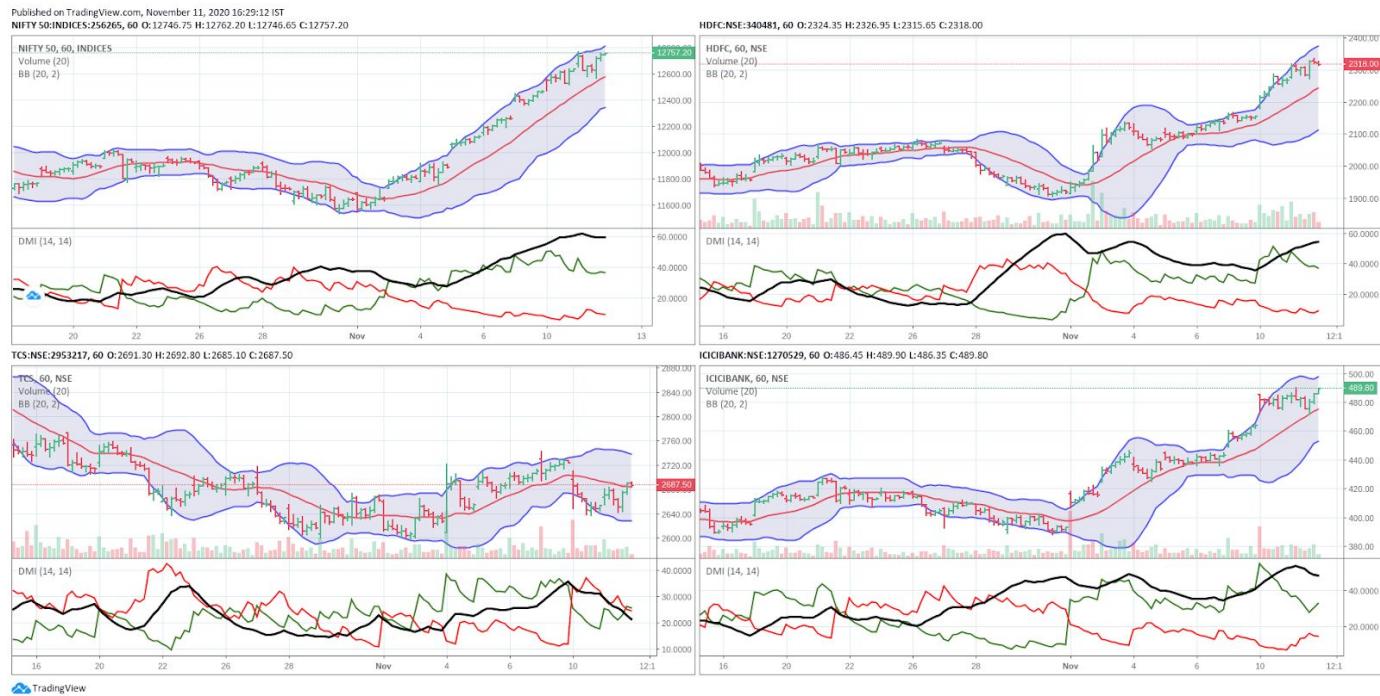


Fig: 1 Hour chart of Nifty,HDFC,TCS and ICICIBANK

While the advantage of ADX/DMI is to understand the momentum of the positive or negative price movement picking up, the whipsaws of sudden reversals and sudden change is not reflected in ADX. It is slow to react to the quick changes.

To compensate to check the continuity of the trend, we take the assistance of the next technical indicator tool set called MACD.

MACD - Moving Average Convergence Divergence

Setting : 12,26,9 default and not for intraday
 8,17,9 customised for Intraday

MACD triggers technical signals when it crosses above (to buy) or below (to sell) its signal line. The speed of crossovers is also taken as a signal of a market is overbought or oversold. MACD helps investors understand whether the bullish or bearish movement in the price is strengthening or weakening.

The price movement above the zero line is stronger upwards, whereas the price movement below the zero line (base line) is stronger for the price going down. The crossovers between MACD line and the Signal line need to be checked on what speed it's happening and at what zone, above or below the zero-line (baseline).

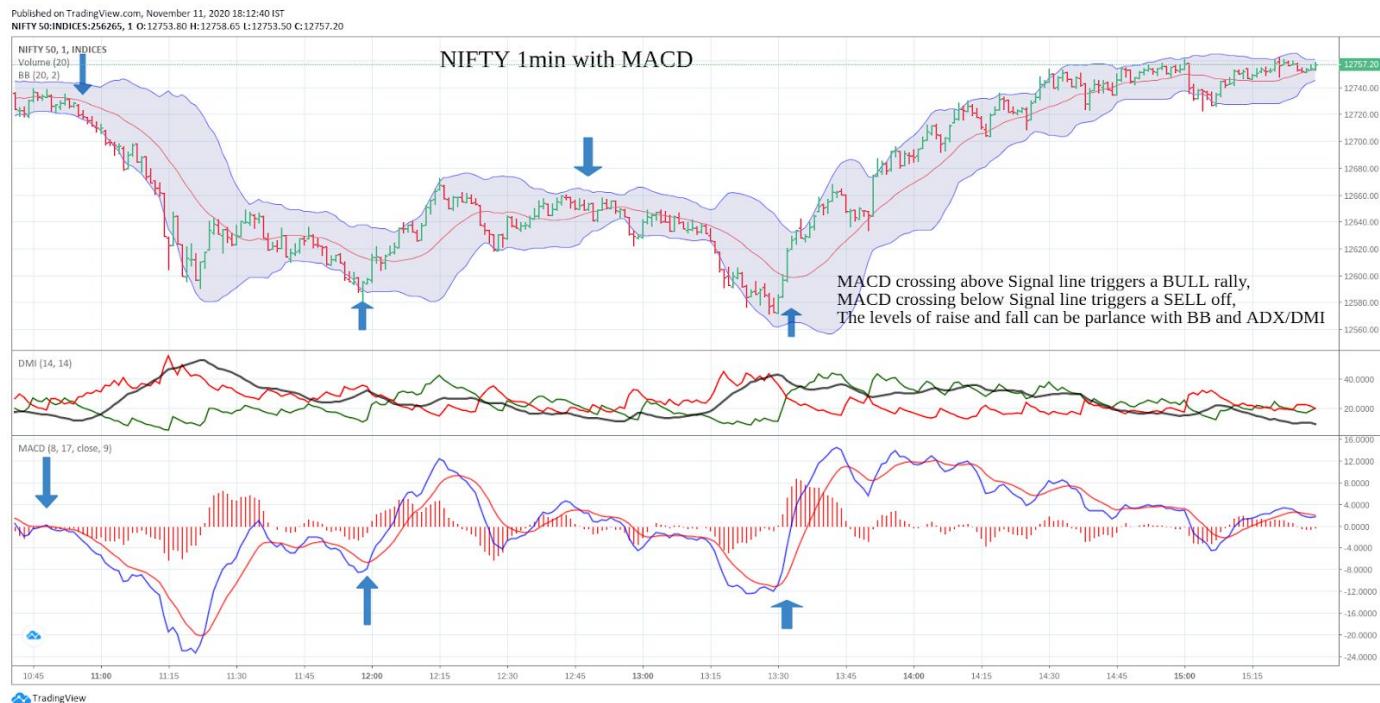


Fig: Nifty 1-min with MACD triggers

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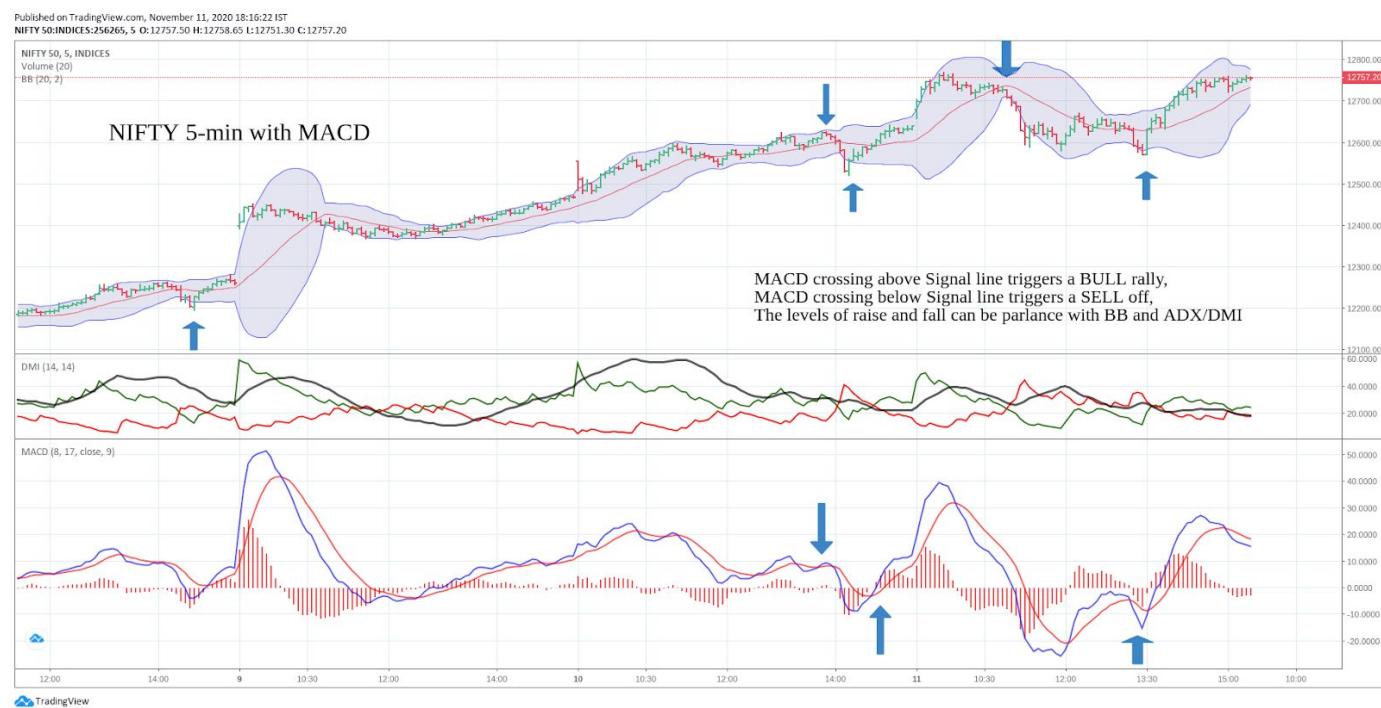


Fig: Nifty 5-min with MACD triggers



Fig: Nifty 30min with MACD triggers

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Fig: Nifty 60min with MACD trigger



Fig: Nifty 3Hr with MACD trigger

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Fig: Nifty 1-Day with MACD trigger



Fig: Nifty 1-Week with MACD triggers

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Published on TradingView.com, November 11, 2020 18:35:35 IST
 NIFTY 50:INDICES:256265, 1M O:11697.35 H:12768.85 L:11557.40 C:12757.20



Fig: Nifty 1-month with MACD triggers

Published on TradingView.com, November 11, 2020 18:39:34 IST
 NIFTY 50:INDICES:256265, 1D O:12680.60 H:12768.85 L:12571.95 C:12757.20

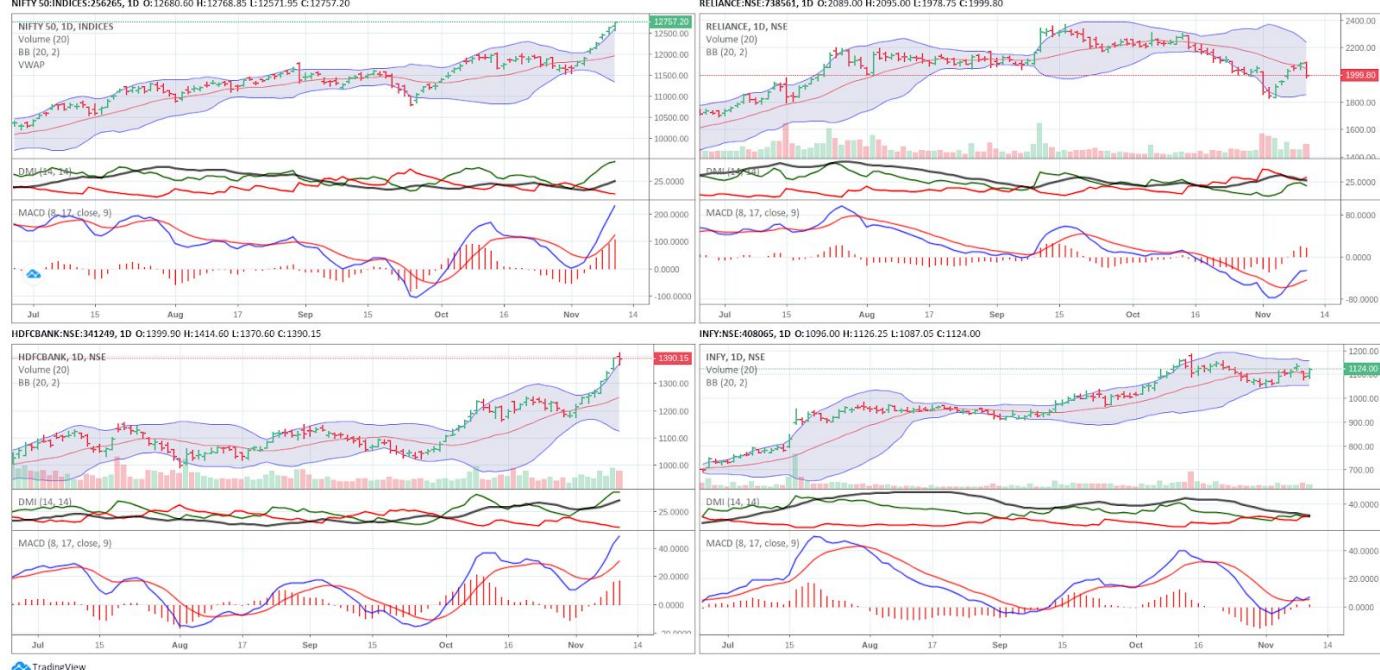


Fig: 1 Day charts of Nifty,RELIANCE,HDFCBANK,INFY

DEFTLY TRADING NIFTY

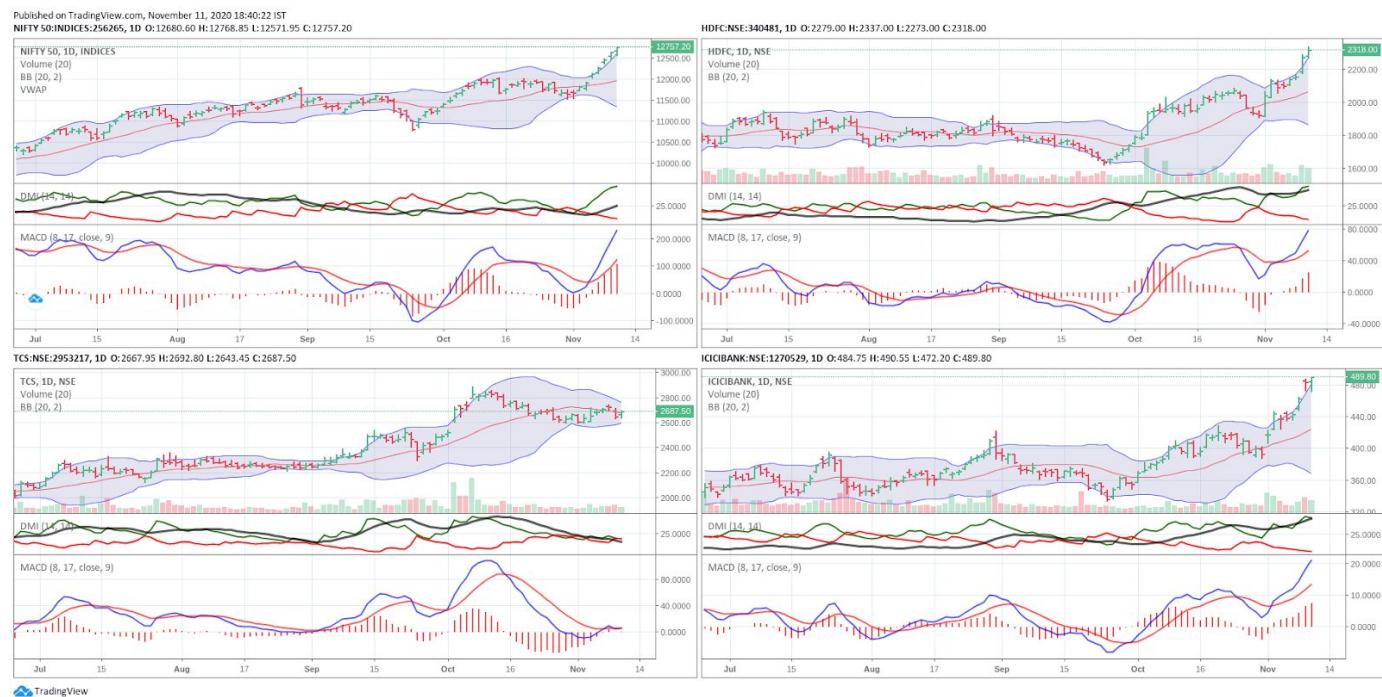


Fig: 1-Day charts of Nifty, HDFC, TCS, ICICIBANK

STOCHASTICS Oscillator:

The easy way to understand is to look for the cross over between %K and %D lines, and more importantly whether the crossover happens at a oversold or overbought level.

Its better to understand the tool via charts than a paragraph. Only chart reading and experience will teach the usage and pitfalls of using Stochastics other than for pure intraday action.

OVERSOLD - falls between 80-100

OVERBOUGHT - falls between 0-20

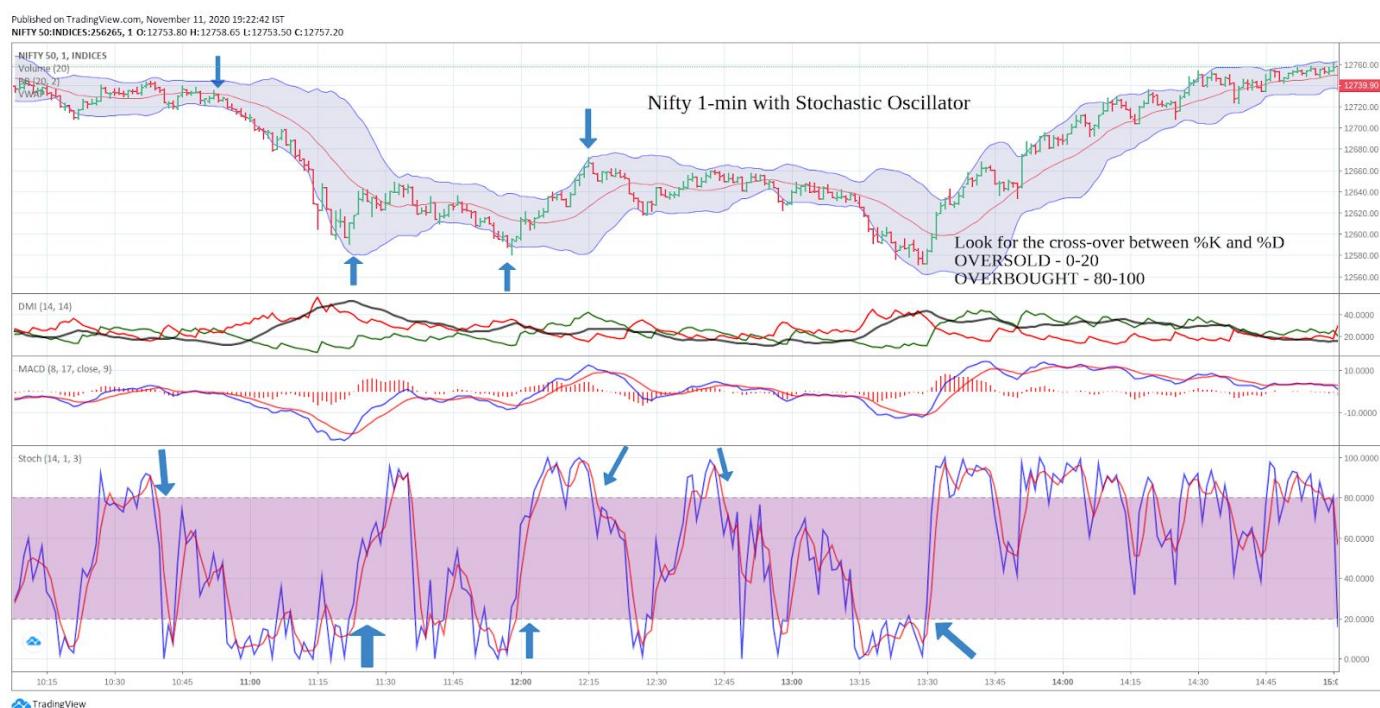


Fig: Nifty 1min with Stochastic Oscillator

DEFTLY TRADING NIFTY

Published on TradingView.com, November 11, 2020 19:25:38 IST
 NIFTY 50:INDICES:256265, 5 O:12757.50 H:12758.65 L:12751.30 C:12757.20

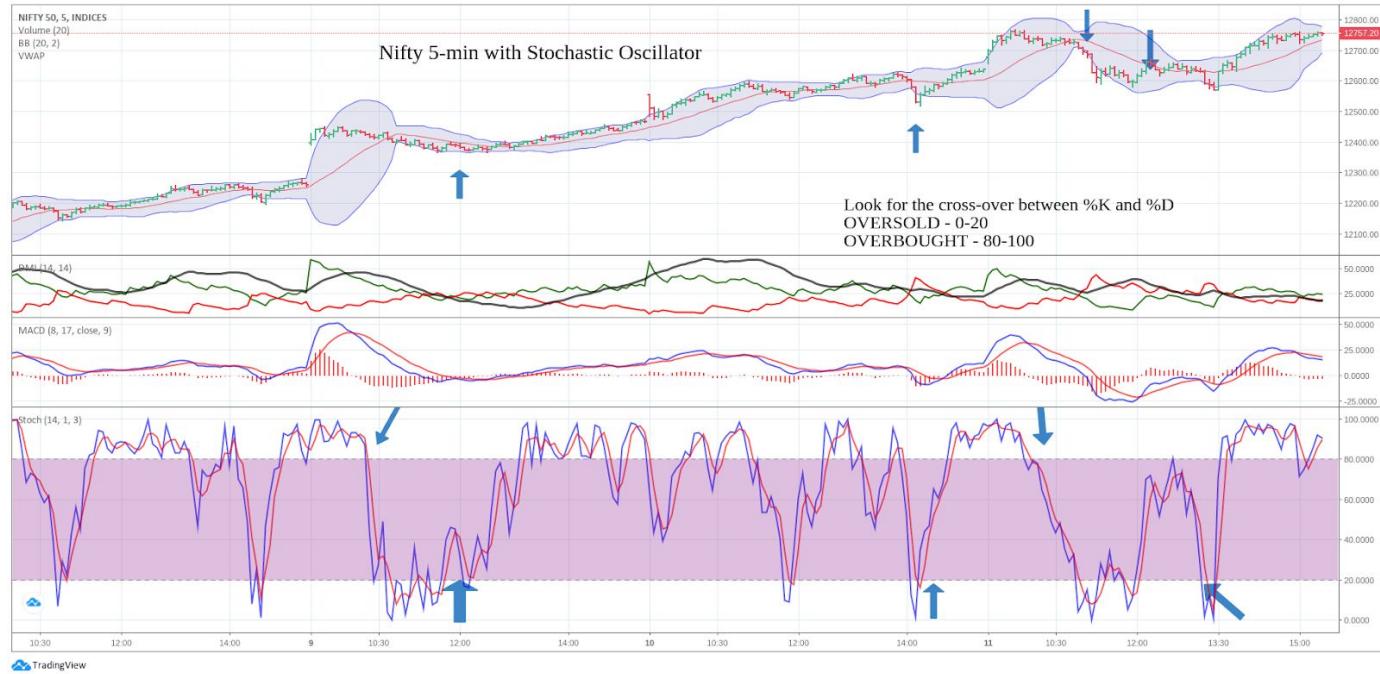


Fig: Nifty 5-min with Stochastic Oscillator

Published on TradingView.com, November 11, 2020 19:27:34 IST
 NIFTY 50:INDICES:256265, 30 O:12746.75 H:12762.20 L:12746.65 C:12757.20



Fig: Nifty 30-min with Stochastic Oscillator

DEFTLY TRADING NIFTY

Published on TradingView.com, November 11, 2020 19:28:58 IST
 NIFTY 50:INDICES:256265, 60 O:12746.75 H:12762.20 L:12746.65 C:12757.20

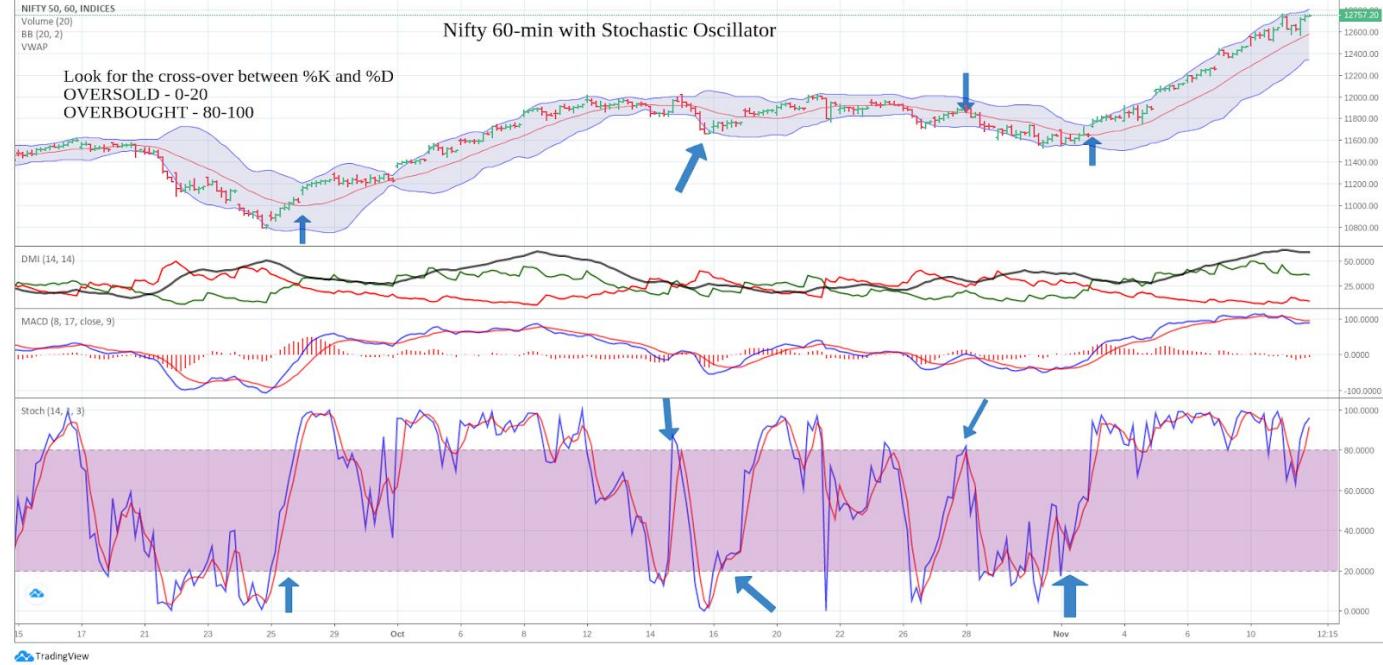


Fig: Nifty 60 min with Stochastic Oscillator

Published on TradingView.com, November 11, 2020 19:30:43 IST
 NIFTY 50:INDICES:256265, 180 O:12746.75 H:12762.20 L:12746.65 C:12757.20

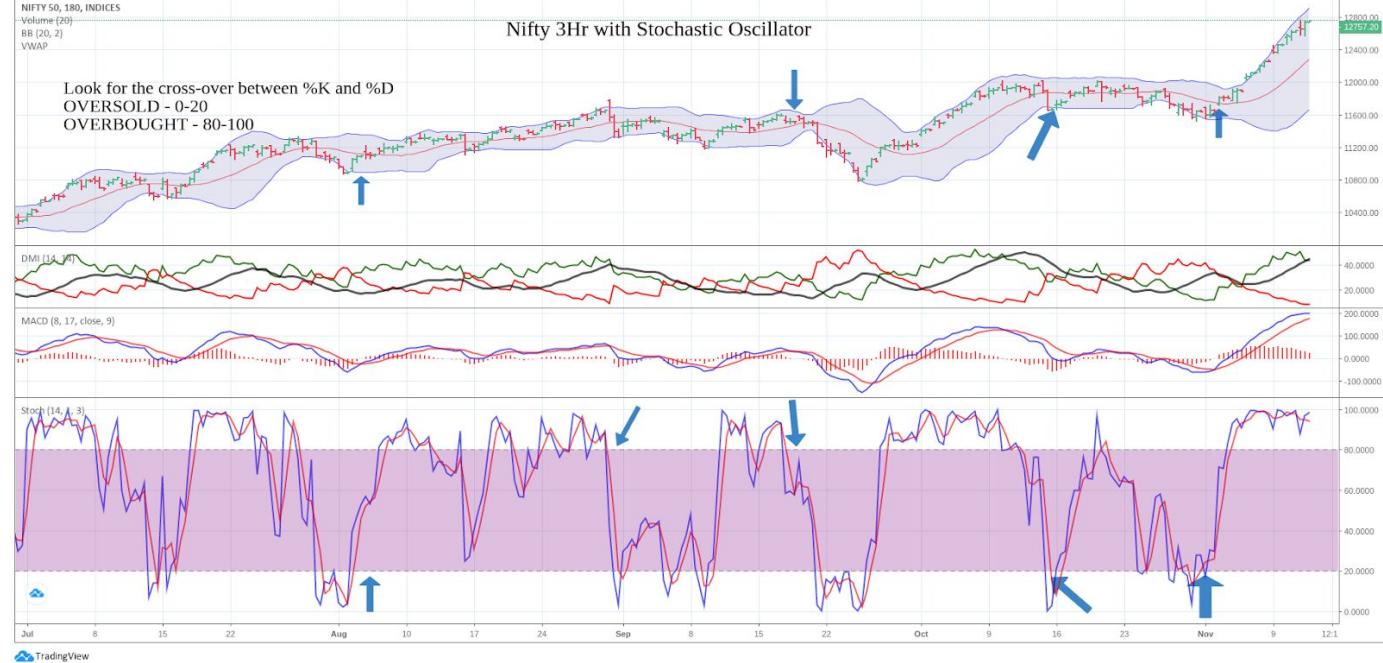


Fig: Nifty 3Hr with Stochastic Oscillator

DEFTLY TRADING NIFTY



Fig: Nifty 1-Day with Stochastic Oscillator

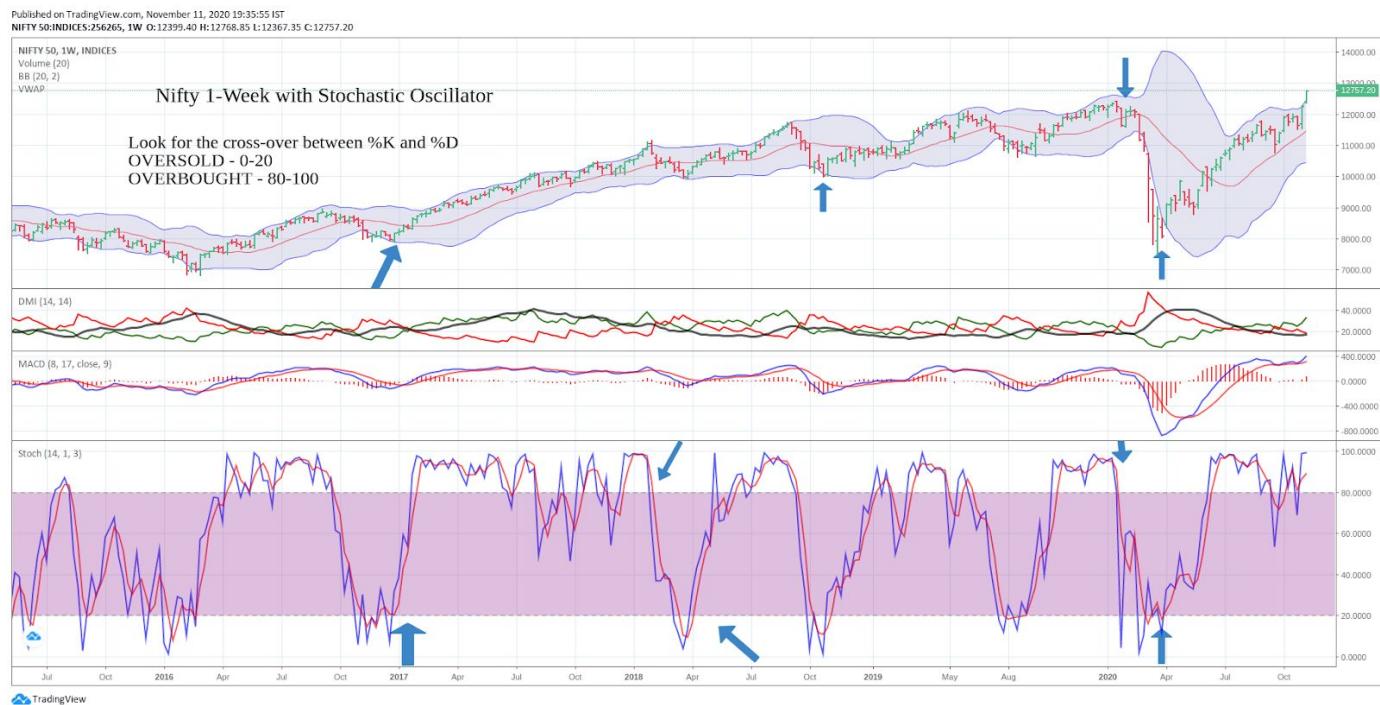


Fig: Nifty 1-Week with Stochastic Oscillator

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Fig: Nifty 1-month with Stochastic Oscillator

VWAP - Volume Weighted Average Price :

VWAP is a single-day indicator, and is restarted at the open of each new trading day. Attempting to create an average VWAP over many days could mean that the average becomes distorted from the true VWAP reading. VWAP only works for those financial securities for which there are traded volumes. Naturally Nifty index wont have VWAP.

Nifty Future contracts will have the VWAP associated with them, so will each individual option. The price movement is always around VWAP throughout the day. The VWAP reading will be the same in all time frames, and the visible changes will be observed when there's a huge quantity being traded at a particular time frame. VWAP resets itself to a new reading at every opening.

Visually watching the price adjusting itself to the VWAP level is one of the ways to reap a definite multifold return, especially when dealing with derivative products- Futures and Options.

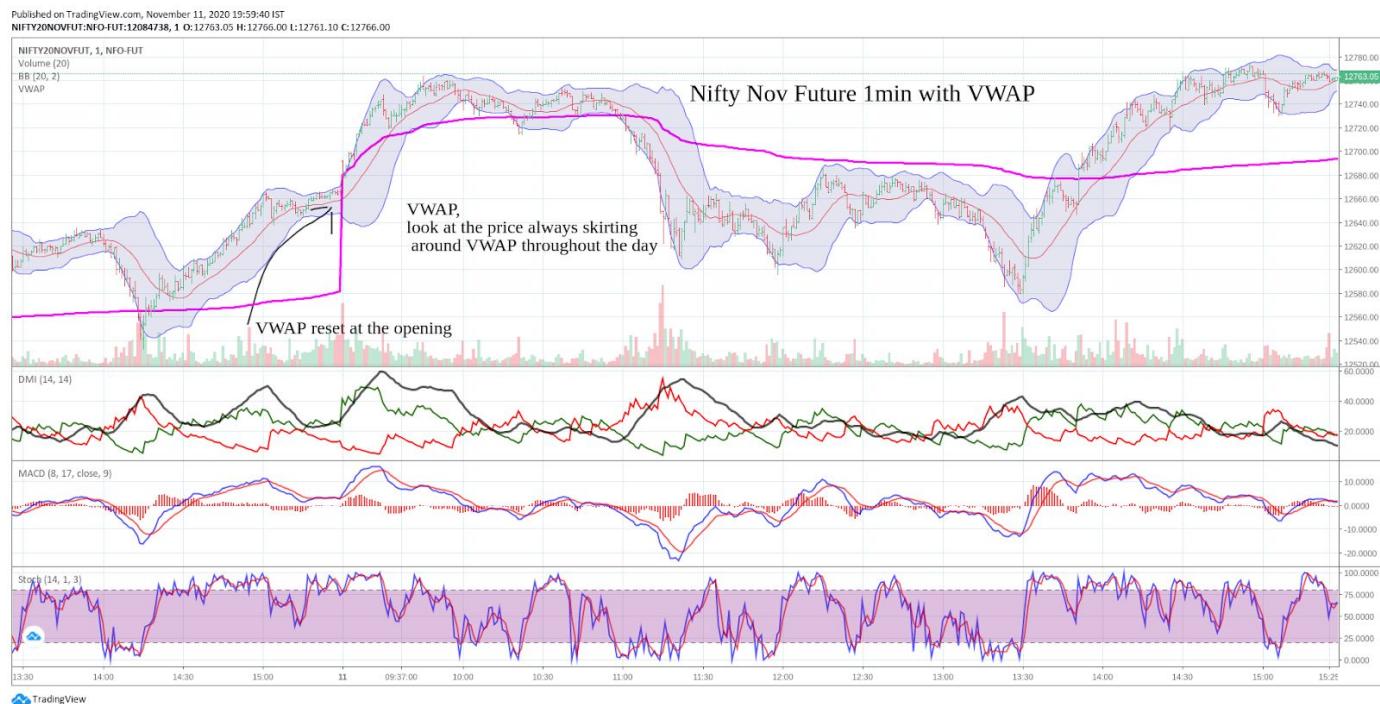


Fig: Nifty 1-min with VWAP

DEFTLY TRADING NIFTY

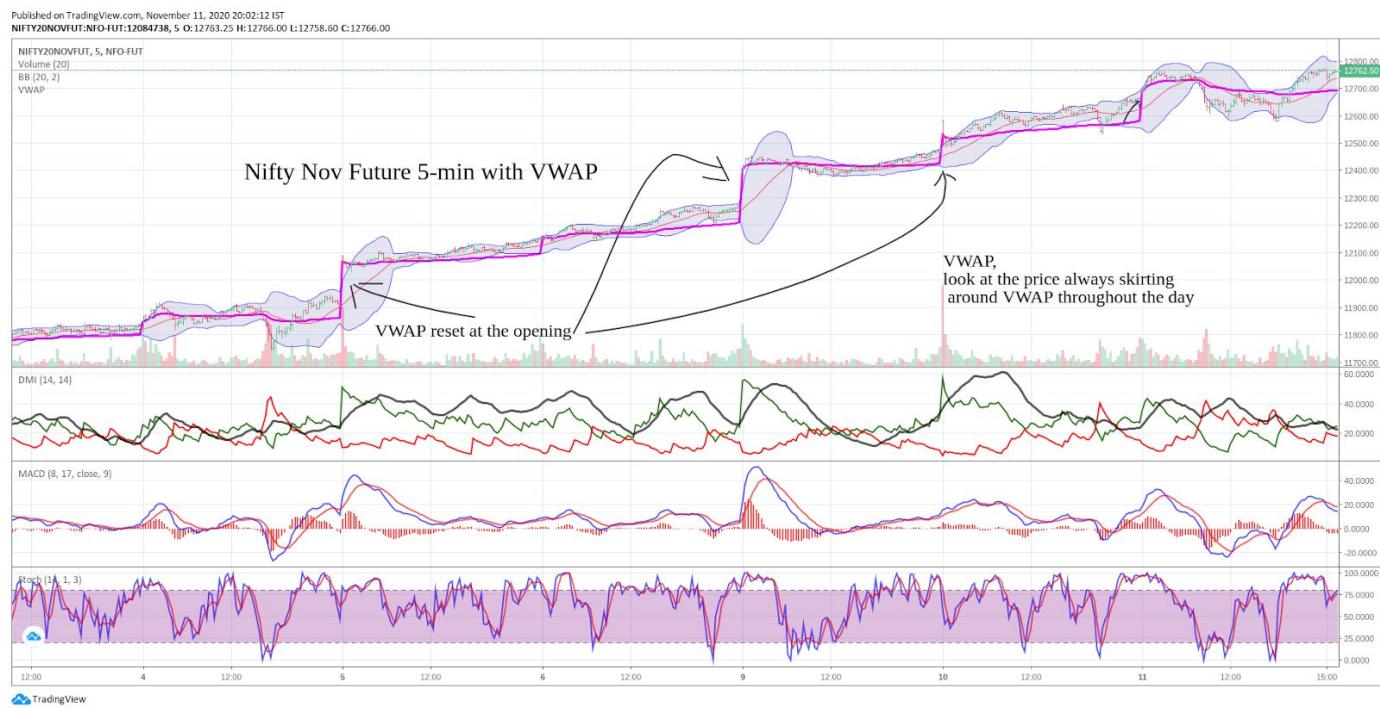


Fig: Nifty 5-min with VWAP

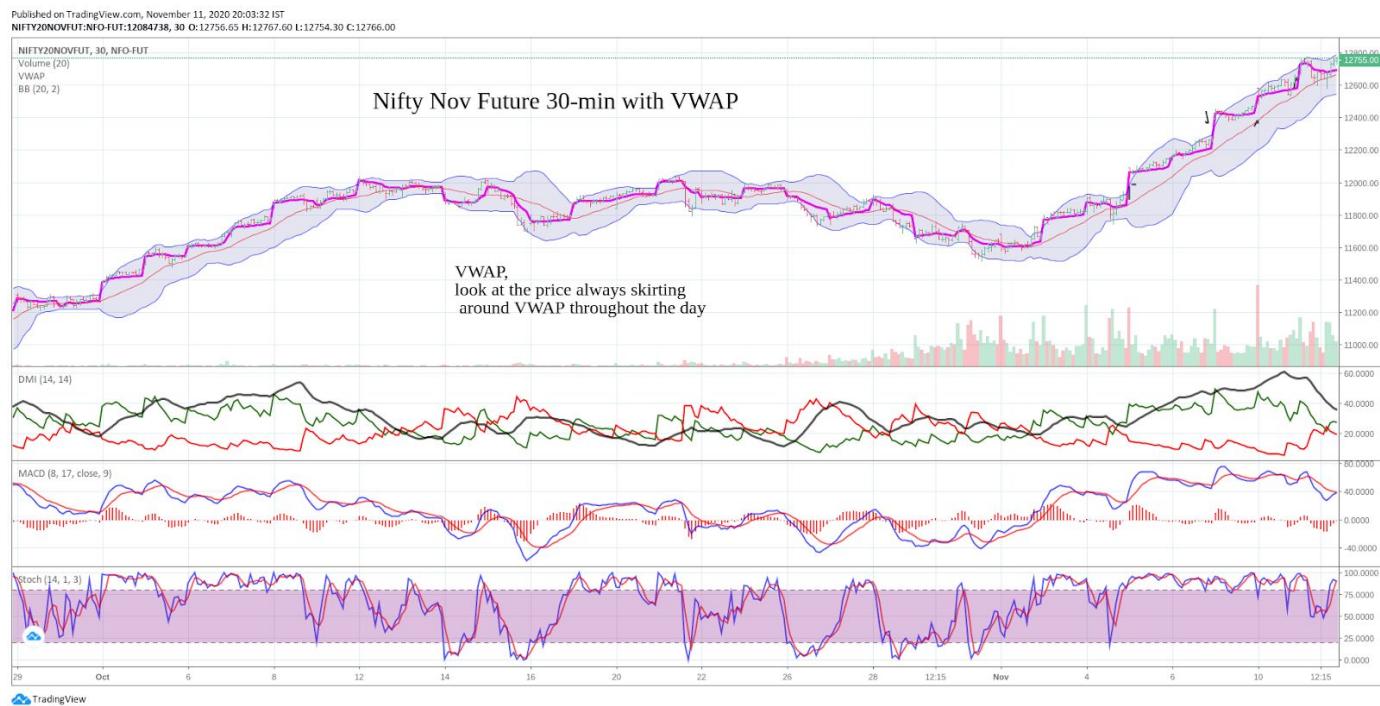


Fig: Nifty 30-min with VWAP

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Fig: Nifty 60-min with VWAP

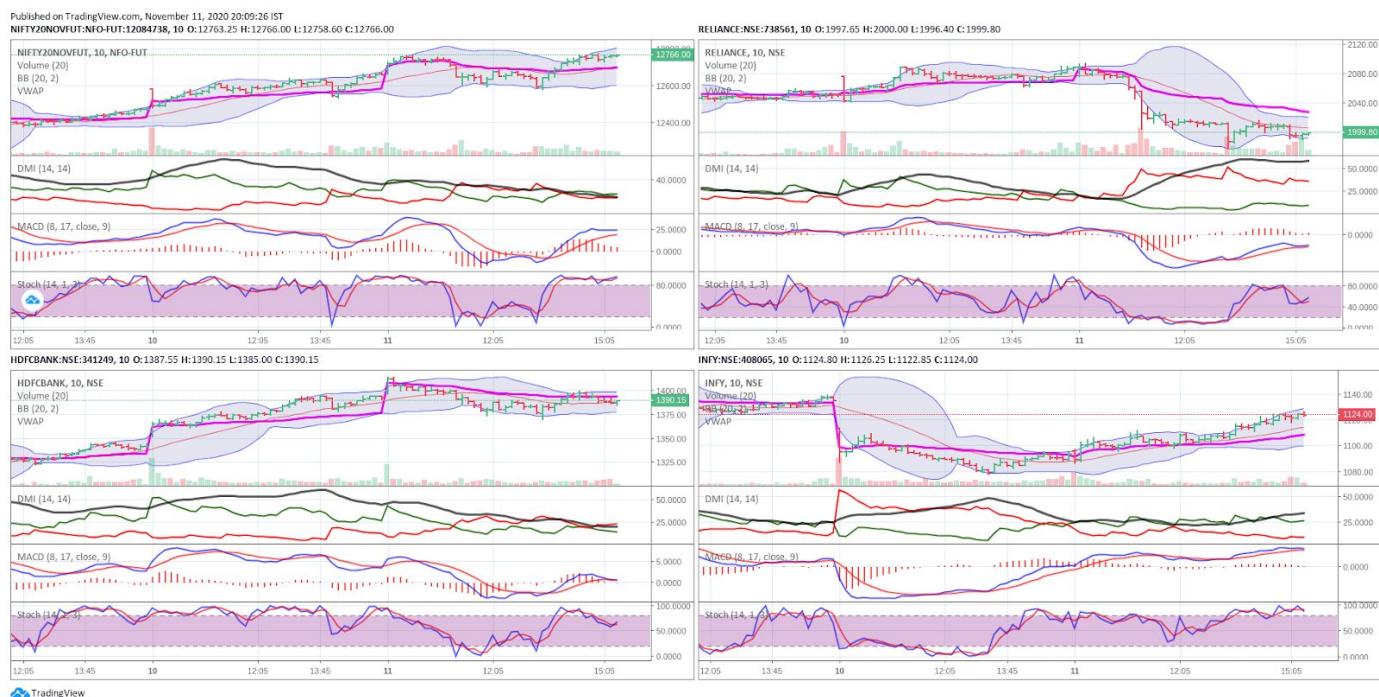


Fig: 10min charts of Nifty Nov2020 Future,RELIANCE,HDFCBANK,INFY

Sujay Ramanujadasan

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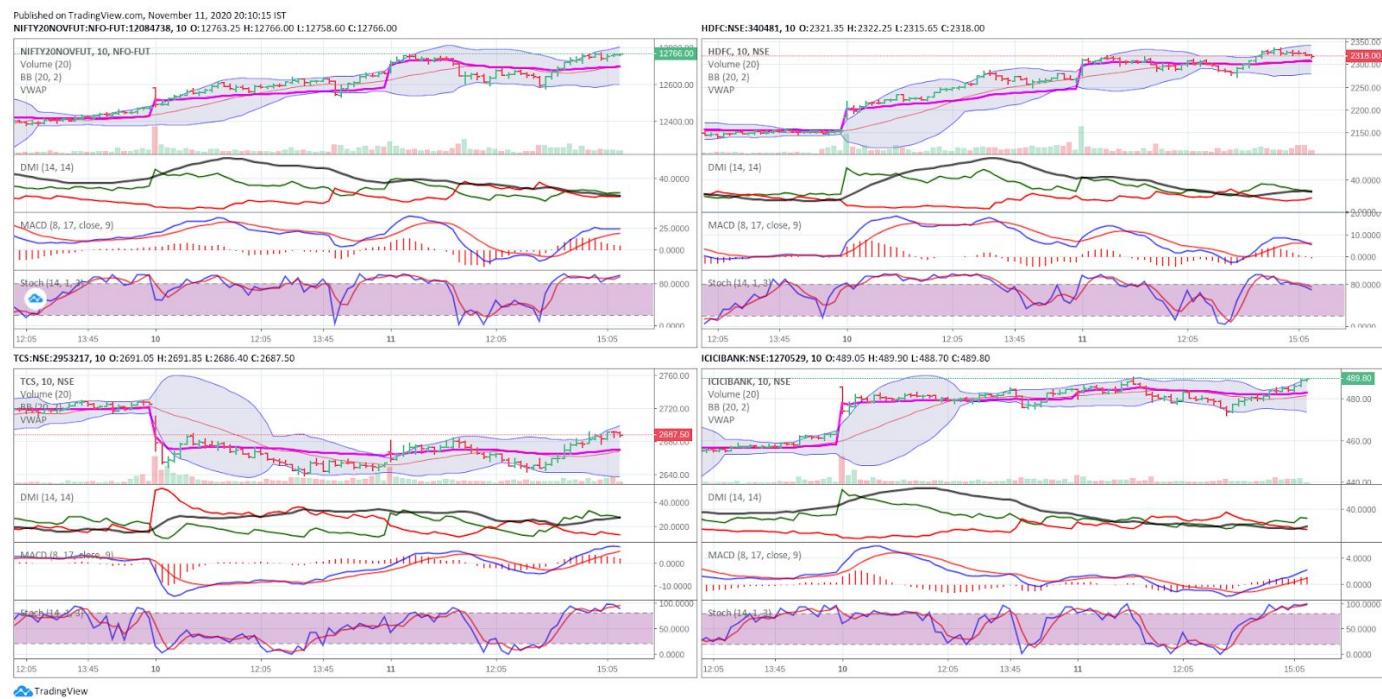


Fig: 10-min chart of Nifty Nov 2020 Future, HDFC,TCS,ICICIBANK

BETA Factor:

This is not the right book nor do I have the mathematical ability to explain the complex statistics calculation with which beta is calculated. Beta can be negative or zero or positive but within the range of (-2,3), at least that's what has been observed in Indian financial security market.

Adani Ports and Special Economic Zone Ltd.	Indiabulls Housing Finance Ltd.
Apollo Tyres Ltd.	IndusInd Bank Ltd.
Ashok Leyland Ltd.	JSW Steel Ltd.
Axis Bank Ltd.	Jindal Steel & Power Ltd.
Bajaj Finance Ltd.	L&T Finance Holdings Ltd.
Bajaj Finserv Ltd.	LIC Housing Finance Ltd.
Bandhan Bank Ltd.	Mahindra & Mahindra Financial Services Ltd.
Bank of Baroda	Manappuram Finance Ltd.
Bharat Heavy Electricals Ltd.	Maruti Suzuki India Ltd.
Bharat Petroleum Corporation Ltd.	Max Financial Services Ltd.
Can Fin Homes Ltd.	Motherson Sumi Systems Ltd.
Canara Bank	Muthoot Finance Ltd.
Cholamandalam Investment and Finance Company Ltd.	NMDC Ltd.
Coforge Ltd.	Nippon Life India Asset Management Ltd.
DLF Ltd.	Piramal Enterprises Ltd.
Equitas Holdings Ltd.	Power Finance Corporation Ltd.
Escorts Ltd.	RBL Bank Ltd.
Federal Bank Ltd.	Radico Khaitan Ltd
Godrej Properties Ltd.	Shriram Transport Finance Co. Ltd.
Hindalco Industries Ltd.	State Bank of India
Hindustan Petroleum Corporation Ltd.	Steel Authority of India Ltd.
Housing Development Finance Corporation Ltd.	Tata Motors Ltd.
ICICI Bank Ltd.	Tata Steel Ltd.
ICICI Prudential Life Insurance Company Ltd.	Ujjivan Financial Services Ltd.
IDFC First Bank Ltd.	Vodafone Idea Ltd.

Table: NIFTY HIGH BETA 50 stocks

List of Nifty50 stocks with Beta measure.

	Name	Market Cap	Close Price	PE Ratio	↓ Beta
1.	Indusind Bank Ltd	63180.62	787.95	11.45	2.24
2.	Tata Motors Ltd	48030.54	150.95	-4.06	1.94
3.	Bajaj Finance Ltd	252796.18	4268.80	47.72	1.74
4.	Axis Bank Ltd	178601.65	608.65	88.57	1.59
5.	Bajaj Finserv Ltd	106225.22	6944.80	32.80	1.59
6.	Hindalco Industries Ltd	43097.80	204.05	12.05	1.52
7.	ICICI Bank Ltd	333770.89	486.55	32.85	1.50
8.	State Bank of India	206783.25	234.20	10.57	1.48
9.	Maruti Suzuki India Ltd	205216.58	6857.35	36.50	1.36
10.	Mahindra and Mahindra Ltd	73934.41	633.20	547.39	1.36
11.	UPL Ltd	33067.89	435.70	18.74	1.32
12.	Bharat Petroleum Corporation Ltd	83039.00	394.00	25.36	1.29
13.	Adani Ports and Special Econom...	74514.50	371.60	20.26	1.26
14.	JSW Steel Ltd	80488.28	342.75	25.61	1.19
15.	Tata Steel Ltd	50350.62	473.95	36.66	1.18
16.	Reliance Industries Ltd	1371913.93	1997.20	31.42	1.17
17.	Larsen & Toubro Ltd	145158.01	1059.45	15.57	1.16

	Name	Market Cap	Close Price	PE Ratio	Beta
18.	Housing Development Finance ...	408613.59	2324.30	18.72	1.12
19.	HDFC Bank Ltd	767238.34	1389.95	27.87	1.08
20.	Bajaj Auto Ltd	86737.76	3023.10	16.78	1.06
21.	Zee Entertainment Enterprises Ltd	18547.34	195.30	35.63	1.06
22.	Shree Cement Ltd	82129.89	22867.55	52.99	1.06
23.	GAIL (India) Ltd	40681.48	92.95	4.45	1.05
24.	Hero MotoCorp Ltd	58956.42	3060.15	16.80	1.03
25.	Oil and Natural Gas Corporation... d...	89005.48	72.35	8.34	1.03
26.	Grasim Industries Ltd	51837.14	803.10	11.94	0.99
27.	Kotak Mahindra Bank Ltd	347488.95	1807.85	40.20	0.96
28.	UltraTech Cement Ltd	136122.67	4823.80	23.36	0.94
29.	Titan Company Ltd ...	115891.61	1274.70	75.37	0.90
30.	Indian Oil Corporation Ltd ti...	79314.29	85.00	-87.38	0.84
31.	Eicher Motors Ltd	61062.62	2326.70	34.73	0.83
32.	Bharti Airtel Ltd	254375.86	478.60	-7.29	0.74
33.	Tata Consultancy Services Ltd	994231.85	2687.80	31.19	0.72
34.	ITC Ltd	219460.33	185.30	14.86	0.71

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	Name	Market Cap	Close Price	PE Ratio	↓ Beta
34.	ITC Ltd	219460.33	185.30	14.86	0.71
35.	HCL Technologies Ltd	219725.46	826.05	20.27	0.71
36.	Tech Mahindra Ltd	79411.28	837.50	18.26	0.70
37.	NTPC Ltd	90535.20	92.90	7.92	0.66
38.	Infosys Ltd	462888.16	1122.50	29.01	0.62
39.	Coal India Ltd	76910.85	125.85	4.64	0.59
40.	Britannia Industries Ltd	84505.03	3492.75	59.86	0.58
41.	Sun Pharmaceutical Industries L...	117783.35	506.05	32.25	0.54
42.	Power Grid Corporation of India ...	97255.25	189.65	8.97	0.50
43.	Asian Paints Ltd	210999.53	2181.70	77.36	0.50
44.	Bharti Infratel Ltd	32738.07	176.90	9.92	0.49
45.	Cipla Ltd	57846.38	742.35	38.69	0.41
46.	Wipro Ltd	194876.03	346.75	20.95	0.40
47.	Nestle India Ltd	160095.89	16697.60	81.74	0.35
48.	Hindustan Unilever Ltd	502006.19	2131.15	68.37	0.18
49.	Dr.Reddy's Laboratories Ltd	77940.83	4882.15	40.03	0.13
50.	HDFC Life Insurance Company L...	123112.16	623.45	96.97	-

DEFTLY TRADING NIFTY

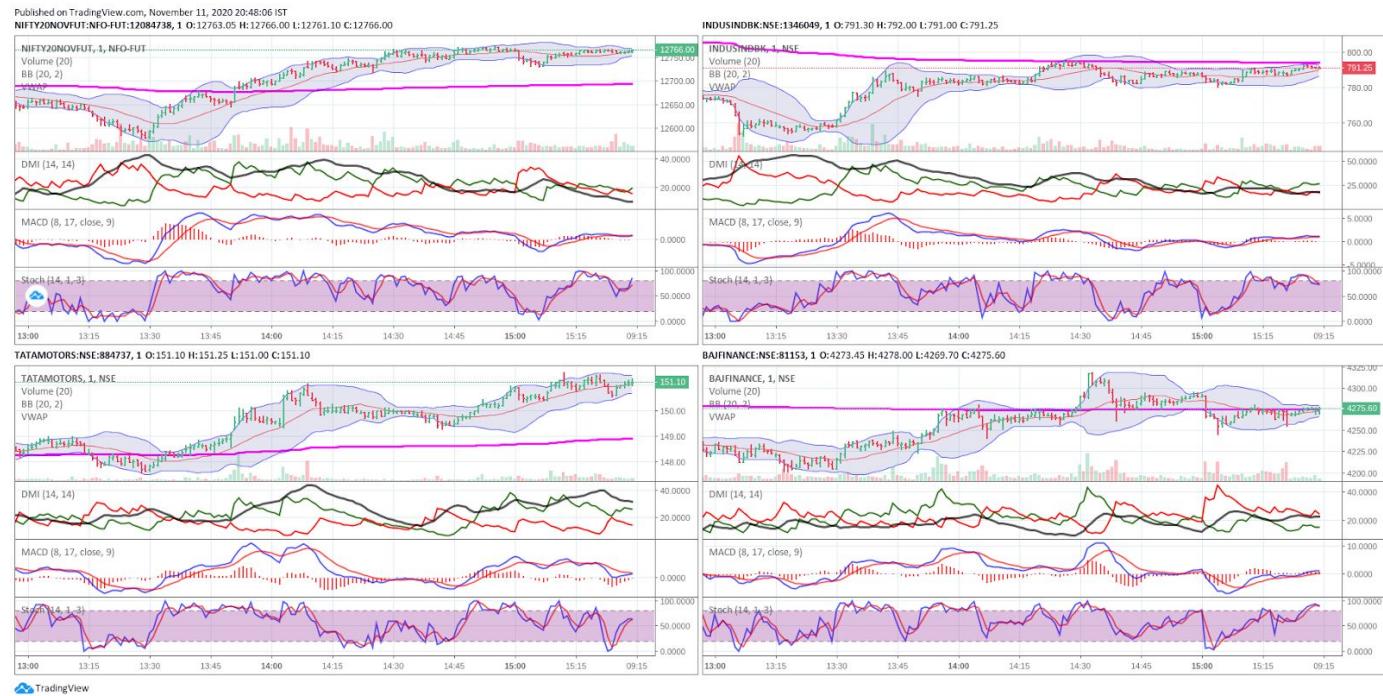


Fig: INDUSINDBK(2.24),TATAMOTORS(1.94),BAJFINANCE(1.74) moves in accordance with Nifty in 1-min chart

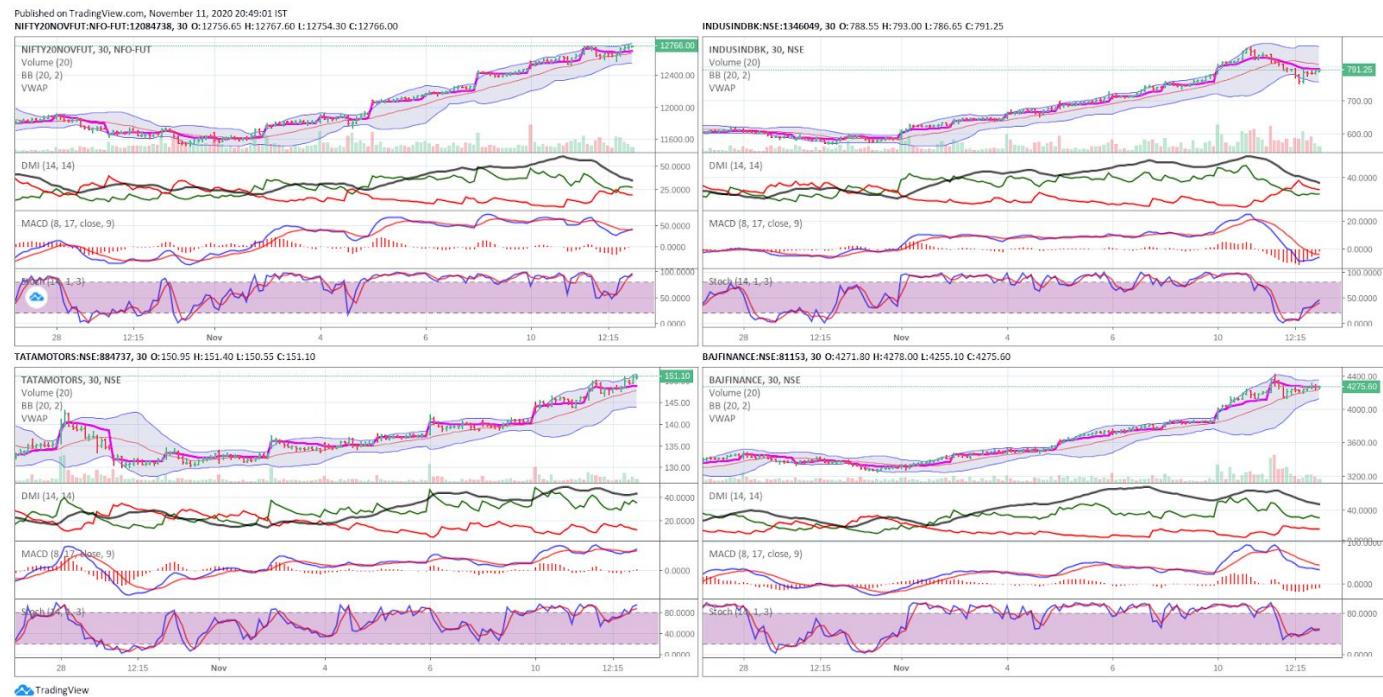


Fig: INDUSINDBK(2.24),TATAMOTORS(1.94),BAJFINANCE(1.74) moves in accordance with Nifty in 30-min chart

DEFTLY TRADING NIFTY

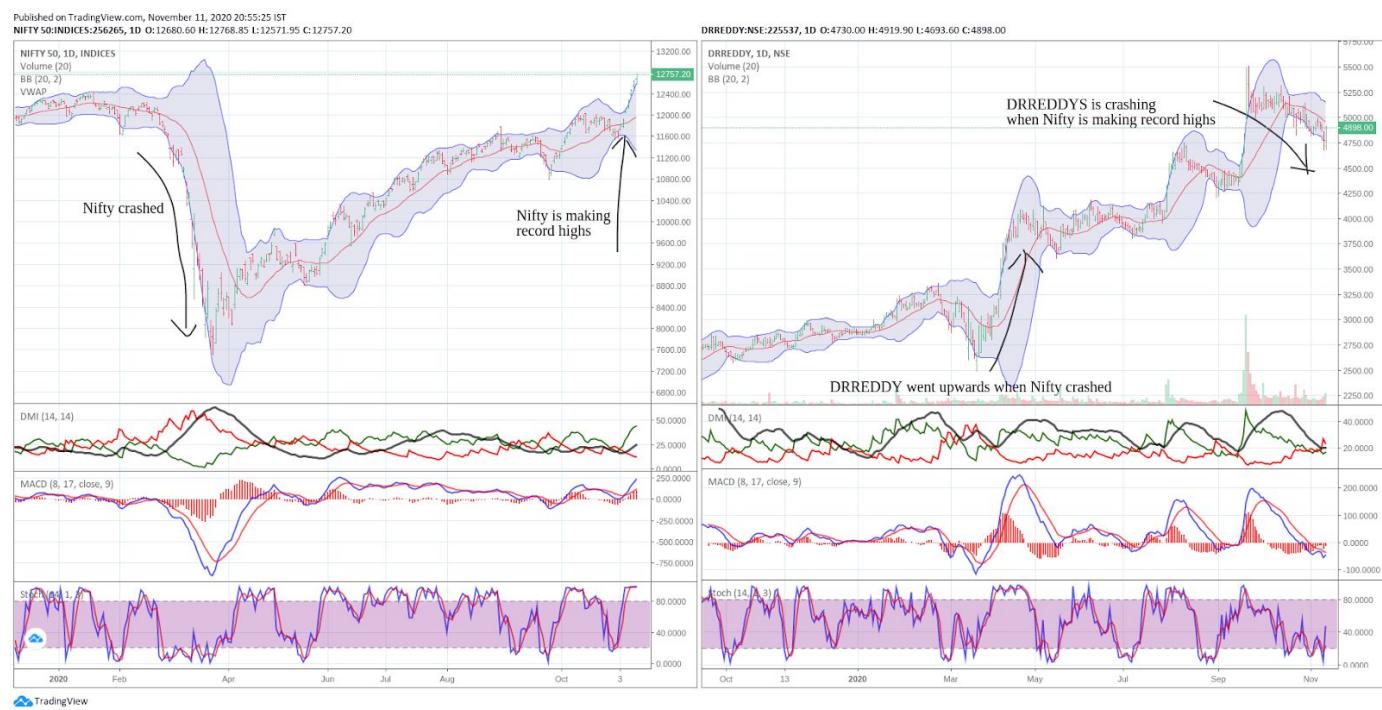


Fig: Nifty moves vs DRREDDY(BETA of 0.13), Daily chart

Setup to Trade Nifty:

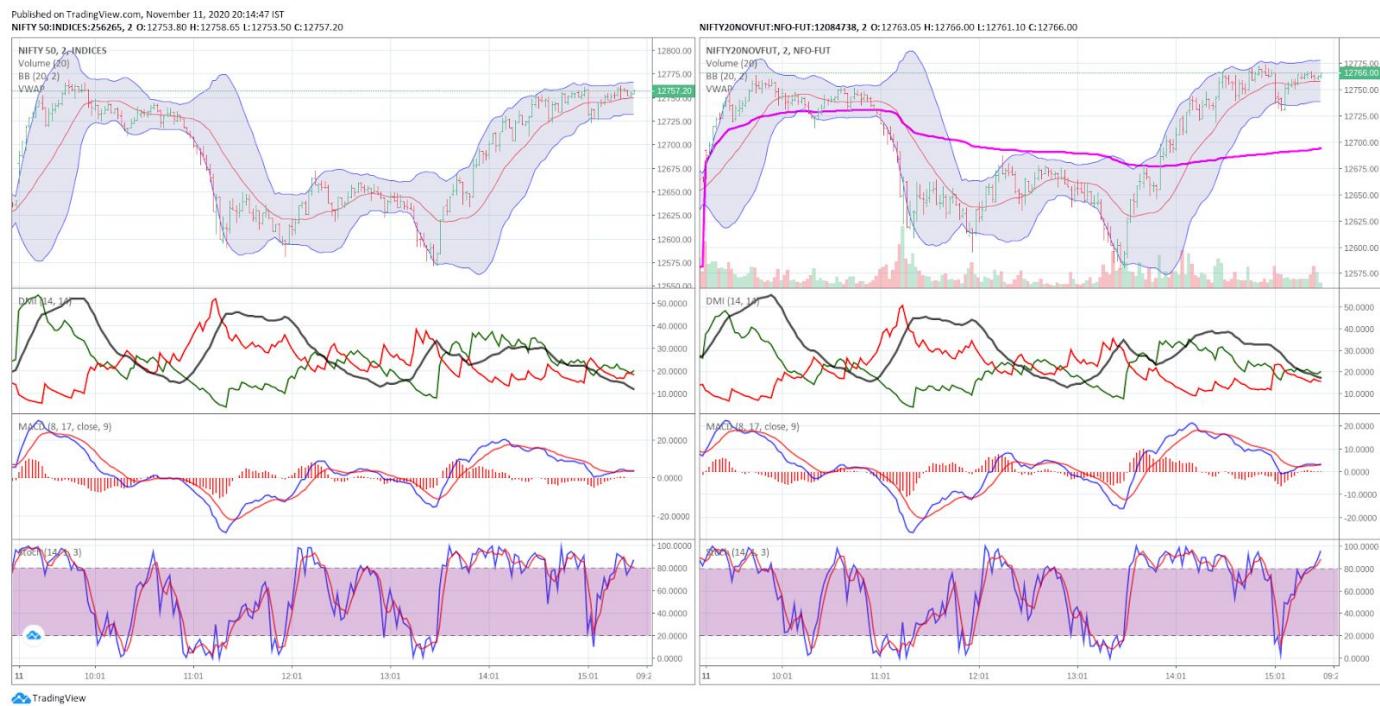


Fig: Best Intraday setup to trade Nifty and Nifty stocks

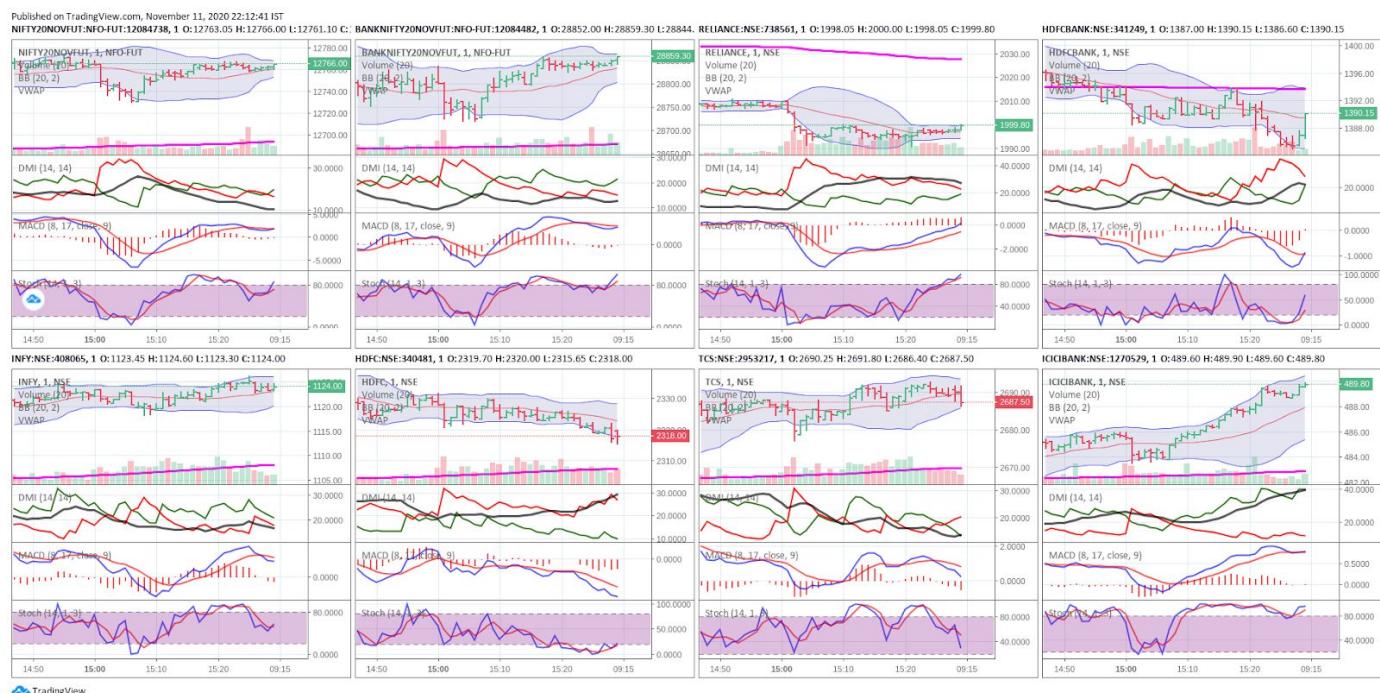


Fig: Track 1-min chart

Track the movement of Nifty50 charts together with all the Nifty50 major weightage stocks in 1 min time frame as well as 5 min time frame. Try to correlate the movement to all stocks with that of Nifty, and execute likeable trades.

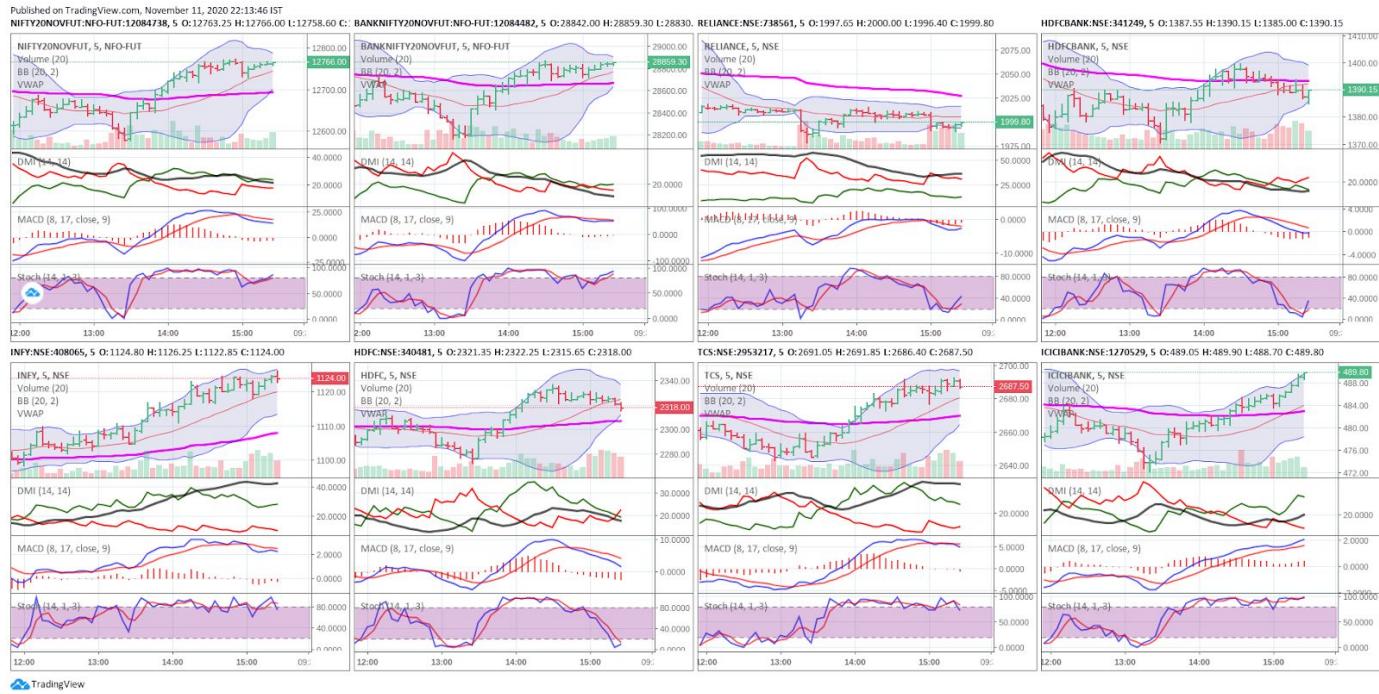


Fig: Track 5-min charts, correspond with 1-min chart in parlance

Trading NIFTY Futures(NIFTYNOW2020 in current situation):

NSE allows index futures of NIFTY and BANKNIFTY index to be traded for 3 months, meaning, at any point of the time, there will be 3 months contract for NIFTY and BANKNIFTY.

As on NOV 2020, NIFTY index will have enabled and tradable futures contracts for November, December and January 2021, called near month, next month, and far month contract.

Impact cost :

Liquidity in the context of stock markets means a market where large orders can be executed without incurring a high transaction cost. The transaction cost referred here is not the fixed costs typically incurred like brokerage, transaction charges, depository charges etc. but is the cost attributable to lack of market liquidity as explained subsequently. Liquidity comes from the buyers and sellers in the market, who are constantly on the look out for buying and selling opportunities. Lack of liquidity translates into a high cost for buyers and sellers.

In lay mans term, Impact cost give an average idea of how quickly the BUY/SELL action takes place without incurring additional cost to the Buyer or Seller.

Nifty futures is one of the worlds most liquid contract ever, its impact cost is rated at 0.0082% as indicated by calculation. No matter what is the contract volume on BUY or SELL, the order get executed. And the spread between BUYER and SELLER is at a very very tight spot, it goes into difference of Rs 0.50 to Rs 1.50.

Quote As on Nov 12, 2020 09:22:48 IST 

Nifty 50 - NIFTY | Index Watch | Option Chain

Index Derivatives Stock Derivatives Currency Derivatives

Instrument Type: Index Futures Symbol : NIFTY Expiry Date : 26NOV2020 Option Type : Strike Price : Select... Select... **Get Data**

12,743.20 ▼ -11.85 -0.09%	Prev. Close	Open	High	Low	Close
12,755.05		12,710.05	12,746.60	12,706.10	0.00

Fundamentals		Historical Data	
		Print	
Traded Volume (contracts)	11,078		
Traded Value * (lacs)	1,05,714.70		
VWAP	12,723.68		
Underlying value	12,737.10		
Market Lot	75		
Open Interest	1,22,13,825		
Change in Open Interest	1,04,550		
% Change in Open Interest	0.86		
Implied Volatility	-		

Order Book		Intra-day	
Buy Qty.	Buy Price	Sell Price	Sell Qty.
150	12,743.45	12,744.15	75
150	12,743.20	12,744.45	150
75	12,743.15	12,744.50	75
150	12,743.00	12,744.55	150
75	12,742.75	12,744.60	75
2,95,050	Total Quantity		2,50,950

 Cost of Carry

Fig: The difference between BUY and SELL for NIFTYNOV2020 contrat.

NIFTY NOV FUT			-51.85 ▼ 12703.20		
BID	ORDERS	QTY.	OFFER	ORDERS	QTY.
12703.00	5	375	12704.50	3	525
12702.60	3	225	12704.70	1	150
12702.30	2	150	12704.75	1	150
12702.15	1	75	12704.95	1	75
12702.10	1	75	12705.00	1	150
12702.05	1	150	12705.05	1	150
12702.00	17	3825	12705.40	1	300
12701.95	2	225	12705.45	1	150
12701.90	1	150	12705.70	1	150
12701.85	3	525	12705.75	2	300
12701.80	1	150	12705.90	1	150
12701.75	1	75	12705.95	2	225
12701.70	1	150	12706.00	2	825
12701.60	2	225	12706.05	1	75
12701.55	5	525	12706.10	1	150
12701.50	1	225	12706.15	1	150
12701.40	1	75	12706.20	1	75
12701.30	2	225	12706.25	1	75
12701.25	1	150	12706.30	1	75
12701.20	6	825	12706.40	1	75
Total		3,18,975	Total		2,83,125
^ View 5 depth					
Open	12710.05	High	12748.85		
Low	12702.80	Prev. Close	12755.05		
Volume	14,93,025	Avg. price	12725.89		
LTQ	75	LT	2020-11-12 09:36:30		
Expiry	2020-11-26	OI	12294750		
Lower circuit	11479.55	Upper circuit	14030.60		

Fig: Spread between BUY and SELL for NIFTYNOV2020 Futures

Since the Futures are a contract, that makes a probabilistic bets on where the NIFTY index will move next, you can go both long(BUY) or short(SELL) in the market. The only necessity is the maintain the Future margin amount that is dictated by NSE, and changes on daily basis based on the volatility and time to expiry.

Last updated: 12 Nov 2020

Contract		NRML Margin	NRML Margin Rate	Price	
BANKNIFTY	26-NOV-20 Lot size 25 MWPL	156921	21.78%	28815.7	Calculate
BANKNIFTY	31-DEC-20 Lot size 25 MWPL	157452	21.84%	28842.9	Calculate
BANKNIFTY	28-JAN-21 Lot size 25 MWPL	157883	21.87%	28874.85	Calculate
NIFTY	26-NOV-20 Lot size 75 MWPL	152522	15.94%	12755.05	Calculate
NIFTY	31-DEC-20 Lot size 75 MWPL	153026	15.98%	12768.45	Calculate
NIFTY	28-JAN-21 Lot size 75 MWPL	153431	16.01%	12778.95	Calculate

Fig: The latest adjusted NIFTY and BANKNIFTY futures margin, for Nov 2020 contract.

Let me explain how going long and going short works with chart examples using NIFTYNOV2020 potential trades, and expected realtime profits.

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Fig: SELL @12727, BUY @ 12634 on Nov 11,2020

F&O - Futures		
BUY	SELL	QUANTITY
12634	12727	75
<input checked="" type="radio"/> NSE	<input type="radio"/> BSE	
Turnover	1902075	
Brokerage	40	
STT total	95	
Exchange txn charge	36.14	
Clearing charge	0	
GST	13.71	
SEBI charges	0.95	
Stamp duty	18.95	
Total tax and charges	204.75	
Points to breakeven	2.73	
Net P&L	6770.25	
+ Contract note		

F&O - Futures		
BUY	SELL	QUANTITY
12634	12727	150
<input checked="" type="radio"/> NSE	<input type="radio"/> BSE	
Turnover	3804150	
Brokerage	40	
STT total	191	
Exchange txn charge	72.28	
Clearing charge	0	
GST	20.21	
SEBI charges	1.9	
Stamp duty	37.9	
Total tax and charges	363.29	
Points to breakeven	2.42	
Net P&L	13586.71	
+ Contract note		

Fig: Profit/Loss for 75 and 150 qty of the above SELL and BUY example



Fig: BUY and SELL NIFTYNOW2020 future

F&O - Futures		
BUY	SELL	QUANTITY
12613.6	12680	75
<input checked="" type="radio"/> NSE	<input type="radio"/> BSE	
Turnover	1897020	
Brokerage	40	
STT total	95	
Exchange txn charge	36.04	
Clearing charge	0	
GST	13.69	
SEBI charges	0.95	
Stamp duty	18.92	
Total tax and charges	204.6	
Points to breakeven	2.73	
Net P&L	4775.4	

F&O - Futures		
BUY	SELL	QUANTITY
12613.6	12680	150
<input checked="" type="radio"/> NSE	<input type="radio"/> BSE	
Turnover	3794040	
Brokerage	40	
STT total	190	
Exchange txn charge	72.09	
Clearing charge	0	
GST	20.18	
SEBI charges	1.9	
Stamp duty	37.84	
Total tax and charges	362.01	
Points to breakeven	2.41	
Net P&L	9597.99	

Fig: Profit/Loss for 75 and 150 qty of the above BUY and SELL example

The potential profit making in NIFTY futures are huge, but the changing margin and margin as a whole has a huge upfront cost. If you have technical analysis mastery, anybody can make a good mount of money, but experience of what trade to take and how much quantity to take is also necessary.

Trading NIFTY Options:

Options are another derivative product along with Futures, used to hedge against any loss by the international fund managers, mutual fund house, mutual fund managers, speculators, arbitrageurs, quantitative investors and long-term investors.

This book cannot define the complexity of option mathematics involved, because that requires a lengthy book with practical and suitable examples which may easily run over more than 500 pages if and only if Indian historical option studies are to be taken.

I will later list down important books with which absolute noob option trader as well as an pro-expert can refer to if he or she wants to know more about option as well as the option mathematics. It would be a joke if I claim that I will teach you options trading and this book is sufficient for you to learn how to trade options and make money. If I do some where either in this book or outside that making money in options is without any risk you can do it easily then, please please go and spread the word that I am an absolute fraud and start a witch hunt proceeding against me. Every Week expiry is different, every week volatility is different, every week has a case study on its own. Mathematicians have a clear cut advantage over this field of Financial engineered product, what an average trader like we can do is to deploy trade as and when the charts gives the signal to trade, and get away with sufficient amount of profit.

A good amount of patience, practice, deep study and more importantly, staying humble to the market is more important than making money or recovering lost capital.

What I do with the option trade is to apply technical analysis on Nifty and Nifty future calculate all the charts depending on the weight age of all the companies and try to estimate with which it might move with the momentum carrying forward for the bottoming out so I used an optical glasses and I'll show you the case studies that text with the technical analysis we can successfully trade options that without touching option mathematics.

Types of Options:

OPTIONS					
Style of Settlement	American			European	
	CA	PA		CE	PE

CA: Call American

PA: Put American

CE: Call European

PE: Put European

CALL - a contract that has the right to BUY

PUT - a contract that has the right to SELL

Roughly, We BUY, CALL Options when the Nifty goes UP/BULL, and we BUY, PUT Options when the NIFTY comes down.

I won't explain the concepts of selling CALL and PUT options. Those advanced concepts are beyond the scopes of this book, nor can i convince myself to undertake an enormous challenge of writing a case study on that, let alone a book.

Indian, NSE NIFTY options are the most liquid and tradable options securities, perhaps more than what NYSE and NASDAQ of USA can offer.

The first and the basic step to understand options is to look at the option chain, which details all the CE and PE of the various expiry, at various strike price.

StrikePrice - The level at which the options CE and PE are traded.

Nifty Options are spaced at 50 points with each other. If the current Nifty(Index) is trading at 12700, strike price can be observed as, 12700, 12750, 12800, 12850, 12900, 12950 in increasing order.

In decreasing order strike price are 12700, 12650, 12600, 12550, 12500, 12450, 12400 etc, till whatever level the NSE decides to keep.

If the NIFTY index is trading at 12700 odd level, then in corresponding option chain, 12700(both CALL and PUT) is said to be in ATM.

If NIFTY index is trading at 12650 level, then correspondingly on option chain 12650(both CALL and PUT) will be ATM, and 12700 will be OTM(for CALL) and ITM(for PUT).

Chart	OI	Chng in OI	CALLS								PUTS								OI	Chart	
			Volume	IV	LTP	Net Chng	Bid Qty	Bid Price	Ask Price	Ask Qty	Strike Price	Bid Qty	Bid Price	Ask Price	Ask Qty	Net Chng	LTP	IV	Volume	Chng in OI	
32,100	2,400	-	70	-	840.00	-69.60	900	837.90	842.15	300	11850.00	12,825	0.10	0.15	18,900	-1.95	0.15	-	2,706	-6,600	133,125
97,350	-15,975	302	-	788.35	-65.85	150	786.75	791.05	450	11900.00	130,425	0.10	0.15	53,025	-2.10	0.10	-	18,830	-207,075	1,150,575	
16,800	-1,350	26	-	722.00	-80.30	150	735.05	741.50	150	11950.00	1,350	0.15	0.20	44,775	-2.20	0.15	-	2,068	-13,875	193,125	
353,400	-16,800	899	-	690.65	-64.40	75	688.35	690.75	150	12000.00	261,750	0.15	0.20	210,150	-2.40	0.20	-	56,655	-60,825	3,316,425	
36,600	-1,575	30	-	630.90	-73.30	300	636.65	640.90	75	12050.00	105,825	0.15	0.20	1,275	-2.55	0.20	-	4,437	-40,425	236,025	
318,225	-8,775	444	-	590.05	-62.35	75	586.95	590.50	150	12100.00	124,800	0.20	0.25	76,575	-2.65	0.25	-	26,417	10,950	1,606,125	
119,775	-7,725	248	-	538.55	-67.35	150	537.80	540.00	150	12150.00	39,300	0.20	0.25	36,525	-2.90	0.20	-	7,151	71,475	519,900	
393,075	-30,150	916	-	489.15	-66.85	75	487.70	489.50	150	12200.00	200,100	0.20	0.25	38,625	-3.05	0.20	-	42,484	-56,325	1,670,100	
154,125	-11,025	505	-	436.85	-65.50	300	437.15	439.70	150	12250.00	19,200	0.25	0.30	28,050	-3.25	0.25	-	16,291	67,950	578,550	
329,325	4,050	1,594	-	388.60	-66.65	75	388.35	389.85	75	12300.00	25,275	0.35	0.40	43,950	-3.45	0.40	-	92,021	293,625	2,094,825	
95,250	7,125	485	-	339.35	-65.15	75	338.15	339.80	150	12350.00	34,725	0.35	0.40	11,325	-4.00	0.35	-	33,210	140,625	697,575	
329,625	-47,925	3,266	-	289.50	-63.95	75	288.80	289.80	150	12400.00	11,625	0.65	0.70	19,875	-4.40	0.65	-	148,587	801,075	2,606,850	
149,550	-9,600	1,051	-	239.45	-64.70	75	238.75	239.85	150	12450.00	6,825	1.25	1.30	2,925	-4.75	1.25	-	116,187	744,450	1,622,250	
488,700	-59,925	15,786	-	191.50	-63.05	150	191.05	191.95	75	12500.00	17,550	2.75	2.85	10,275	-4.60	2.80	-	413,161	2,279,025	4,624,350	
144,675	-11,850	11,739	-	144.35	-63.00	75	144.00	144.60	225	12550.00	1,575	6.00	6.05	150	-3.55	6.05	-	322,424	1,814,550	2,744,175	
1,055,175	141,750	93,308	-	101.15	-58.75	75	101.20	101.65	375	12600.00	3,000	13.20	13.30	1,875	-0.30	13.25	-	627,428	2,335,800	5,011,500	
1,246,875	875,700	134,435	-	63.75	-54.20	75	63.75	64.00	525	12650.00	900	25.75	25.90	825	4.90	25.80	-	443,561	838,500	2,211,900	
4,372,275	2,493,150	583,670	-	34.70	-47.25	525	34.70	34.80	375	12700.00	150	46.45	46.60	225	11.10	46.40	-	541,079	529,800	2,776,875	
3,833,625	2,285,625	468,791	-	17.00	-38.25	10,050	17.00	17.10	1,800	12750.00	225	78.85	79.20	150	21.30	78.75	-	138,037	-121,650	563,850	
6,326,550	4,024,350	757,141	-	7.75	-26.20	4,200	7.75	7.85	10,200	12800.00	150	119.45	119.80	150	31.95	119.35	-	96,219	59,775	454,200	
3,312,225	1,922,175	399,282	-	3.30	-16.70	75	3.30	3.35	5,625	12850.00	300	164.50	165.30	75	42.85	165.25	-	6,070	1,950	73,050	
4,386,900	2,356,650	417,871	-	1.55	-10.25	23,400	1.55	1.60	20,550	12900.00	225	212.55	213.35	150	49.90	214.00	-	7,232	12,525	77,850	
2,199,225	1,233,450	180,411	-	0.90	-5.85	41,325	0.85	0.90	32,775	12950.00	75	261.50	262.95	225	55.30	264.25	-	474	-3,600	15,375	
5,980,800	2,611,050	216,683	-	0.50	-3.50	79,875	0.50	0.55	129,075	13000.00	75	311.40	312.75	75	58.05	315.50	-	1,160	1,425	44,325	
943,800	381,900	32,754	-	0.25	-2.10	100,800	0.25	0.30	94,050	13050.00	150	360.45	362.70	150	63.80	370.60	-	7	-150	8,175	
1,486,200	118,575	44,409	-	0.20	-1.40	87,000	0.20	0.25	86,475	13100.00	150	410.40	412.80	150	73.45	419.70	-	30	-	20,925	
143,400	-45,075	5,715	-	0.20	-1.10	25,050	0.15	0.25	20,175	13150.00	600	459.95	462.65	600	67.90	469.25	-	6	-	4,800	
1,170,400	160,000	22,101	-	0.20	-1.05	242,925	0.10	0.15	26,925	13200.00	75	510.00	512.05	600	65.90	514.70	-	145	-2,025	4,250	

Fig: Option chain of NIFTY 12th NOV, 2020, expiry day, 12PM

Chart	OI	Chng in OI	CALLS						PUTS													
			Volume	IV	LTP	Net Chng	Bid Qty	Bid Price	Ask Price	Ask Qty	Strike Price	Bid Qty	Bid Price	Ask Price	Ask Qty	Net Chng	LTP	IV	Volume	Chng in OI	OI	Chart
✓	32,100	2,400	70	-	840.00	-69.60	900	837.90	842.15	300	11850.00	12,825	0.10	0.15	18,900	-1.95	0.15	-	2,706	-6,600	133,125	✓
✓	97,350	-15,975	302	-	788.35	-65.85	150	786.75	791.05	450	11900.00	130,425	0.10	0.15	53,025	-2.10	0.10	-	18,830	-207,075	1,150,575	✓
✓	16,800	-1,350	26	-	722.00	-80.30	150	735.05	741.50	150	11950.00	1,350	0.15	0.20	44,775	-2.20	0.15	-	2,068	-13,875	193,125	✓
✓	353,400	-16,800	899	-	690.65	-64.40	75	688.35	690.75	150	12000.00	261,750	0.15	0.20	210,150	-2.40	0.20	-	56,655	-60,825	3,316,425	✓
✓	36,600	-1,575	30	-	630.90	-73.30	300	636.65	640.90	75	12050.00	105,825	0.15	0.20	1,275	-2.55	0.20	-	4,437	-40,425	236,025	✓
✓	318,225	-8,775	444	-	590.05	-62.35	75	586.95	590.50	150	12100.00	124,800	0.20	0.25	76,575	-2.65	0.25	-	26,417	10,950	1,606,125	✓
✓	119,775	-7,725	248	-	538.55	-67.35	150	537.80	540.00	150	12150.00	39,300	0.20	0.25	36,525	-2.90	0.20	-	7,151	71,475	519,900	✓
✓	393,075	-30,150	916	-	ITM 66.85	-	75	487.70	489.50	150	12200.00	200,100	0.20	0.25	38,625	-3.10	0.20	-	42,484	-56,325	1,670,100	✓
✓	154,125	-11,025	505	-	436.85	-55.50	300	437.15	439.70	150	12250.00	19,200	0.25	0.30	28,050	-3.25	0.25	-	16,291	67,950	578,550	✓
✓	329,325	4,050	1,594	-	388.60	-66.65	75	388.35	389.85	75	12300.00	25,275	0.35	0.40	43,950	-3.45	0.40	-	92,021	293,625	2,094,825	✓
✓	95,250	7,125	485	-	339.35	-65.15	75	338.15	339.80	150	12350.00	34,725	0.35	0.40	11,325	-4.00	0.35	-	33,210	140,625	697,575	✓
✓	329,625	-47,925	3,266	-	289.50	-63.95	75	288.80	289.80	150	12400.00	11,625	0.65	0.70	19,875	-4.40	0.65	-	148,587	801,075	2,606,850	✓
✓	149,550	-9,600	1,051	-	239.45	-64.70	75	238.75	239.85	150	12450.00	6,825	1.25	1.30	2,925	-4.75	1.25	-	116,187	744,450	1,622,250	✓
✓	488,700	-59,925	15,786	-	191.50	-63.05	150	191.05	191.95	75	12500.00	17,550	2.75	2.85	10,275	-4.60	2.80	-	413,161	2,279,025	4,624,350	✓
✓	144,675	-11,850	11,739	-	144.35	-63.00	75	144.00	144.60	225	12550.00	1,575	6.00	6.05	150	-3.55	6.05	-	322,424	1,814,550	2,744,175	✓
✓	1,055,175	141,750	93,308	-	101.15	-58.75	75	101.20	101.65	375	12600.00	3,000	13.20	13.30	1,875	-0.30	13.25	-	627,428	2,335,800	5,011,500	✓
✓	1,246,875	875,700	134,435	-	63.75	-54.20	75	63.75	64.00	525	12650.00	900	25.75	25.90	25	-25	25.80	-	443,561	838,500	2,211,900	✓
✓	4,372,275	2,493,150	583,670	-	ATM	-	525	34.70	34.80	375	12700.00	150	46.45	46.60	225	11.10	46.40	-	541,079	529,800	2,776,875	✓
✓	3,833,625	2,285,625	468,791	-	17.00	-38.25	10,050	17.00	17.10	1,800	12750.00	225	78.85	79.20	150	21.30	78.75	-	138,037	-121,650	563,850	✓
✓	6,326,550	4,024,350	757,141	-	7.75	-26.20	4,200	7.75	7.85	10,200	12800.00	150	119.45	119.80	150	31.95	119.35	-	96,219	59,775	454,200	✓
✓	3,312,225	1,922,175	399,282	-	3.30	-16.70	75	3.30	3.35	5,625	12850.00	300	164.50	165.30	75	42.85	165.25	-	6,070	1,950	73,050	✓
✓	4,386,900	2,356,650	417,871	-	1.55	-10.25	23,400	1.55	1.60	20,550	12900.00	225	212.55	213.35	150	49.90	214.00	-	7,232	12,525	77,850	✓
✓	2,199,225	1,233,450	180,411	-	0.90	-5.85	41,325	0.85	0.90	32,775	12950.00	75	261.50	262.95	225	55.30	264.25	-	474	-3,600	15,375	✓
✓	5,980,800	2,611,050	216,683	-	0.50	-3.50	79,875	0.50	0.55	129,075	13000.00	75	311.40	312.75	75	58.05	315.50	-	1,160	1,425	44,325	✓
✓	943,800	381,900	32,754	-	0.21	-1.00	100,800	0.25	0.30	94,050	13050.00	150	360.45	362.70	150	63.80	370.60	-	7	-150	8,175	✓
✓	1,486,200	118,575	44,409	-	0.20	-1.40	87,000	0.20	0.25	86,475	13100.00	150	410.40	412.80	150	73.45	419.70	-	30	-	20,925	✓
✓	143,400	-45,075	5,715	-	0.20	-1.10	25,050	0.15	0.25	20,175	13150.00	600	459.95	462.65	600	67.90	469.25	-	6	-	4,800	✓
✓	1,172,400	-160,000	22,104	-	0.10	-1.05	240,205	0.10	0.15	26,225	13200.00	75	510.00	512.05	600	65.20	544.70	-	145	-2,005	4,250	✓

Fig: How option contract are classified as ITM ATM OTM

ITM - In the Money
 OTM - Out of Money
 ATM - At the Money

$$\text{Option Price} = \text{IV} + \text{TV}$$

$$\text{Option Price} = \text{Intrinsic Value} + \text{Time Value}$$

Intrinsic Value = Index value - Strike Price

Time Value = Option Price - Intrinsic Value

Time Value calculation is complex, and the popular model call Black and Scholes model, somewhat explains the way options expiries. That research won a Nobel prize, and such a math cannot be explained by me nor can that be covered in this book.

All one needs to know that options without IV-Intrinsic Value expires to 0, and theres a huge Billion USD/INR market that hunts for TimeValue, and traps retailers and sometimes experienced guys into losing if not half, entire capital due to volatility and wild moves. More so the models take help of 5 variables called Option Greeks, and there are books after books written on it.

Nifty index options expiry every week on every Thursday(if not thursday,earlier).

Option Chain (Equity Derivatives)														Underlying Index: NIFTY 12690.80 As on Nov 12, 2020 15:30:26 IST			
View Options Contracts for:			NIFTY	OR	Search for an underlying stock:			GO	Filter by:	Expiry Date	26NOV2020	▼	Futures contracts				
Chart	OI	Chng in OI	Volume	IV	LTP	Net Chng	Bid Qty	Bid Price	Ask Price	Ask Qty	Strike Price	Bid Qty	Bid Price	Ask Price	As Qty		
CALLS																	
	3,450	-	1	-	3,369.00	203.20	225	3,362.50	3,409.85	75	9300.00	825	2.65	2.70	3,000		
	-	-	-	-	-	-	150	3,221.40	3,449.70	1,500	9350.00	3,750	0.10	-	-		
	28,275	-	4	-	3,311.10	-55.05	150	3,267.35	3,309.30	75	9400.00	750	2.65	2.90	1,425		
	-	-	-	-	-	-	1,500	3,181.00	3,376.30	1,500	9450.00	3,750	0.10	-	-		
	287,550	-450	43	-	3,165.00	-94.90	225	3,191.50	3,210.05	75	9500.00	2,175	2.75	2.80	525		
	-	-	-	-	-	-	1,500	3,065.90	3,309.80	1,500	9550.00	75	2.45	-	-		
	9,525	-	-	-	-	-	75	3,051.10	3,109.80	75	9600.00	75	2.10	3.20	900		
	-	-	-	-	-	-	1,500	3,065.90	3,206.25	1,500	9650.00	3,750	0.10	-	-		
	3,750	-	-	-	-	-	150	2,975.25	3,010.00	75	9700.00	600	2.20	2.70	150		
	-	-	-	-	-	-	1,500	2,862.00	3,099.00	1,500	9750.00	3,600	0.50	-	-		
	15,075	-	-	-	-	-	150	2,875.30	2,909.80	75	9800.00	3,525	2.85	3.35	900		
	-	-	-	-	-	-	1,500	2,763.15	2,995.65	1,500	9850.00	900	1.75	4.00	900		
	6,300	-	1	-	2,746.10	-91.65	150	2,779.50	2,809.60	150	9900.00	150	2.80	3.20	900		
	-	-	-	-	-	-	1,500	2,669.65	2,833.15	150	9950.00	300	2.65	5.35	900		
	381,150	-3,900	85	-	2,705.00	-44.75	75	2,693.85	2,709.55	450	10000.00	2,025	2.90	3.00	825		
	-	-	-	-	-	-	1,500	2,572.00	2,739.30	150	10050.00	1,500	2.05	3.00	2,175		
	21,150	-525	10	-	2,614.90	-34.45	75	2,575.25	2,675.60	525	10100.00	75	2.25	2.55	825		
	-	-	-	-	-	-	1,500	2,454.20	2,682.65	1,500	10150.00	3,750	0.10	-	-		

Fig: Various Expiry date listed for NIFTY index options

DEFTLY TRADING NIFTY

Chart	OI	CALLS										PUTS									
		Chng in OI	Volume	IV	LTP	Net Chng	Bid Qty	Bid Price	Ask Price	Ask Qty	Strike Price	Bid Qty	Bid Price	Ask Price	Ask Qty	Net Chng	LTP	IV	Volume	Chng in OI	OI
32,100	2,400	70	-	840.00	-69.60	900	837.90	842.15	300	11850.00	12,825	0.10	0.15	18,900	-1.95	0.15	-	2,706	-6,600	133,125	32,100
97,350	-15,975	302	-	788.35	-65.85	150	786.75	791.05	450	11900.00	130,425	0.10	0.15	53,025	-2.10	0.10	-	18,830	-207,075	1,150,575	97,350
16,800	-1,350	26	-	722.00	-80.30	150	735.05	741.50	150	11950.00	1,350	0.15	0.20	44,775	-2.20	0.15	-	2,068	-13,875	193,125	16,800
353,400	-16,800	899	-	690.65	-64.40	75	688.35	690.75	150	12000.00	261,750	0.15	0.20	210,150	-2.40	0.20	-	56,655	-60,825	3,316,425	353,400
36,600	-1,575	30	-	630.90	-73.30	300	636.65	640.90	75	12050.00	105,825	0.15	0.20	1,275	-2.55	0.20	-	4,437	-40,425	236,025	36,600
318,225	-8,775	444	-	590.05	-62.35	75	586.95	590.50	150	12100.00	124,800	0.20	0.25	76,575	-2.65	0.25	-	26,417	10,950	1,606,125	318,225
119,775	-7,725	248	-	538.55	-67.35	150	537.80	540.00	150	12150.00	39,300	0.20	0.25	36,525	-2.90	0.20	-	7,151	71,475	519,900	119,775
393,075	-30,150	916	-	489.15	-66.85	75	487.70	489.50	150	12200.00	200,100	0.20	0.25	38,625	-3.05	0.20	-	42,484	-56,325	1,670,100	393,075
154,125	-11,025	505	-	436.85	-65.50	300	437.15	439.70	150	12250.00	19,200	0.25	0.30	28,050	-3.25	0.25	-	16,291	67,950	578,550	154,125
329,325	4,050	1,594	-	388.60	-66.65	75	388.35	389.85	75	12300.00	25,275	0.35	0.40	43,950	-3.45	0.40	-	92,021	293,625	2,094,825	329,325
95,250	7,125	485	-	339.35	-65.15	75	338.15	339.80	150	12350.00	34,725	0.35	0.40	11,325	-4.00	0.35	-	33,210	140,625	697,575	95,250
329,625	-47,925	3,266	-	289.50	-63.95	75	288.80	289.80	150	12400.00	11,625	0.65	0.70	19,875	-4.40	0.65	-	148,587	801,075	2,606,850	329,625
149,550	-9,600	1,051	-	239.45	-64.70	75	238.75	239.85	150	12450.00	6,825	1.25	1.30	2,925	-4.75	1.25	-	116,187	744,450	1,622,250	149,550
488,700	-59,925	15,786	-	191.50	-63.05	150	191.05	191.95	75	12500.00	17,550	2.75	2.85	10,275	-4.60	2.80	-	413,161	2,279,025	4,624,350	488,700
144,675	-11,850	11,739	-	144.35	-63.00	75	144.00	144.60	225	12550.00	1,575	6.00	6.05	150	-3.55	6.05	-	322,424	1,814,550	2,744,175	144,675
1,055,175	141,750	93,308	-	101.15	-58.75	75	101.20	101.65	375	12600.00	3,000	13.20	13.30	1,875	-0.30	13.25	-	627,428	2,335,800	5,011,500	1,055,175
1,246,875	875,700	134,443	-	63.75	-54.20	75	63.75	64.00	525	12650.00	900	25.75	25.90	825	4.90	25.80	-	443,561	838,500	2,211,900	1,246,875
4,372,275	2,493,150	583,670	-	34.70	-47.25	525	34.70	34.80	375	12700.00	150	46.45	46.60	225	11.10	46.40	-	541,017	529,800	2,776,875	4,372,275
3,833,625	2,285,625	468,791	-	17.00	-38.25	10,050	17.00	17.10	1,800	12750.00	225	78.85	79.20	150	21.30	78.75	-	138,037	-121,650	563,850	3,833,625
6,326,550	4,024,350	757,141	-	7.75	-26.20	4,200	7.75	7.85	10,200	12800.00	150	119.45	119.80	150	31.95	119.35	-	96,219	59,775	454,200	6,326,550
3,312,225	1,922,175	399,282	-	3.30	-16.70	75	3.30	3.35	5,625	12850.00	300	164.50	165.30	75	42.85	165.25	-	6,070	1,950	73,050	3,312,225
4,386,900	2,356,650	417,871	-	1.55	-10.25	23,400	1.55	1.60	20,550	12900.00	225	212.55	213.35	150	49.90	214.00	-	7,232	12,525	77,850	4,386,900
2,199,225	1,233,450	180,411	-	0.90	-5.85	41,325	0.85	0.90	32,775	12950.00	75	261.50	262.95	225	55.30	264.25	-	474	-3,600	15,375	2,199,225
5,980,800	2,611,050	216,683	-	0.50	-3.50	79,875	0.50	0.55	129,075	13000.00	75	311.40	312.75	75	58.05	315.50	-	1,160	1,425	44,325	5,980,800
943,800	381,900	32,754	-	0.25	-2.10	100,800	0.25	0.30	94,050	13050.00	150	360.45	362.70	150	63.80	370.60	-	7	-150	8,175	1,486,200
1,486,200	118,575	44,409	-	0.20	-1.40	87,000	0.20	0.25	86,475	13100.00	150	410.40	412.80	150	73.45	419.70	-	30	-	20,925	143,400
143,400	-45,075	5,715	-	0.20	-1.10	25,050	0.15	0.25	20,175	13150.00	600	459.95	462.65	600	67.90	469.25	-	6	-	4,800	143,400

Fig: NIFTY 12th NOV 2020, expiry day, a snapshot at 12:15PM hours before 3:30PM closing

Look at the above figure where the Options are priced at 12:15PM, for the contracts expiring on 12th NOV 2020.

Chart	OI	CALLS										PUTS										
		Chng in OI	Volume	IV	LTP	Net Chng	Bid Qty	Bid Price	Ask Price	Ask Qty	Strike Price	Bid Qty	Bid Price	Ask Price	Ask Qty	Net Chng	LTP	IV	Volume	Chng in OI	OI	Chart
245,250	-124,950	4,376	-	690.55	-64.50	75	690.25	690.55	375	12000.00	-	0.05	198,675	-2.55	0.05	-	85,810	-893,850	2,483,400	245,250		
36,300	-1,875	155	-	641.15	-63.05	3,000	640.05	669.85	75	12050.00	-	0.05	1,200	-2.70	0.05	-	7,644	-144,825	131,625	36,300		
218,400	-108,600	3,849	-	589.65	-62.75	1,200	589.30	590.00	150	12100.00	-	0.05	63,300	-2.85	0.05	-	47,538	33,777	1,221,075	218,400		
108,450	-19,050	733	-	540.75	-65.15	75	540.20	542.85	600	12150.00	-	0.10	59,925	-3.00	0.10	-	10,639	-39,675	408,750	108,450		
318,825	-104,400	3,180	-	490.00	-66.00	525	490.00	491.00	75	12200.00	-	0.05	59,775	-3.20	0.05	-	62,344	-409,650	1,316,775	318,825		
136,875	-28,275	1,065	-	443.30	-59.05	225	440.45	443.30	225	12250.00	-	0.05	6,150	-3.45	0.05	-	24,088	-62,850	447,750	136,875		
280,125	-45,150	4,819	-	390.25	-65.00	225	390.30	391.85	225	12300.00	-	0.05	19,050	-3.80	0.05	-	132,550	-249,675	1,551,525	280,125		
79,875	-8,250	1,634	-	339.45	-65.05	75	339.00	343.30	675	12350.00	-	0.05	6,900	-4.30	0.05	-	55,017	-129,450	427,500	79,875		
259,350	-118,200	8,268	-	290.30	-63.15	225	290.35	291.00	75	12400.00	-	0.05	62,400	-5.00	0.05	-	238,377	-57,525	1,748,250	259,350		
138,750	-20,400	3,484	-	240.55	-63.60	525	240.35	241.00	75	12450.00	-	0.05	8,850	-5.95	0.05	-	234,643	108,600	986,400	138,750		
333,000	-215,625	43,564	-	190.65	-63.90	525	190.65	190.95	525	12500.00	-	0.05	46,050	-7.35	0.05	-	841,351	270,225	2,615,550	333,000		
94,275	-62,250	34,735	-	140.90	-66.45	3,525	140.40	141.25	75	12550.00	-	0.05	29,025	-9.55	0.05	-	823,201	716,700	1,646,325	94,275		
771,525	-141,900	323,960	-	90.70	-69.20	1,500	90.70	90.90	2,250	12600.00	-	0.05	49,200	-13.50	0.05	-	1,853,865	781,800	3,457,500	771,525		
876,825	505,650	864,022	-	40.85	-77.10	13,575	40.80	40.85	3,000	12650.00	-	0.05	253,650	-20.85	0.05	-	1,719,338	1,360,200	2,733,600	876,825		
6,457,800	4,578,675	2,728,830	-	0.05	-81.90	-	-	-	0.05	258,300	12700.00	15,600	9.05	9.20	75	-26.25	9.05	-	1,530,106	-622,725	1,624,350	6,457,800
2,752,200	1,204,200	1,392,912	-	0.05	-55.20	80,700	0.05	0.10	145,500	12750.00	150	59.05</td										

The options which went to 0 value are OTM options, where the Intrinsic Value was 0, and all along only the TimeValue was being traded.

$$C = SN(d_1) - N(d_2)Ke^{-rt}$$

$$d_1 = \frac{\ln(S/K) + (r + s^2/2)t}{s \cdot \sqrt{t}}$$

$$d_2 = d_1 - s \cdot \sqrt{t}$$

C = Call premium
 S = Current stock price
 t = Time until option exercise
 K = Option striking price
 r = Risk-free interest rate
 N = Cumulative standard normal distribution
 e = Exponential term
 s = St. Deviation
 \ln = Natural Log

This is the formula, Black and Scholes, with which Option Price is calculated, which is theoretical, not reflected in the real-time market records, but eventually the mathematics are the one which wins.

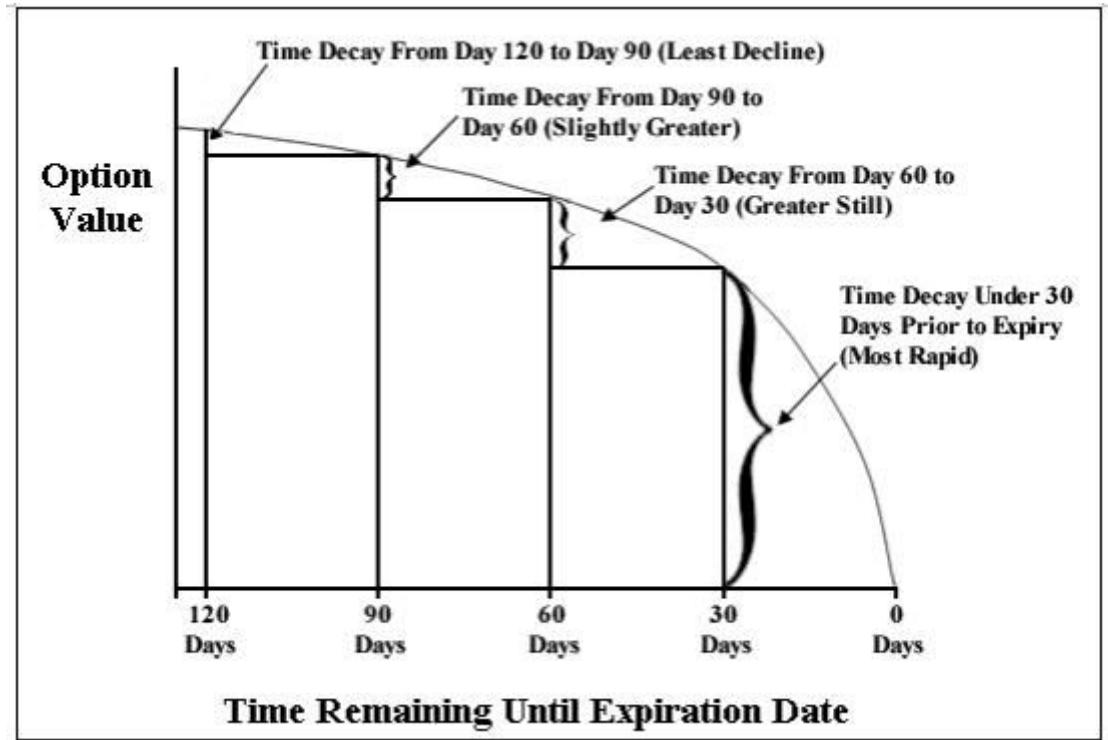


Fig: How Time Value affect Options Price

DEFTLY TRADING NIFTY

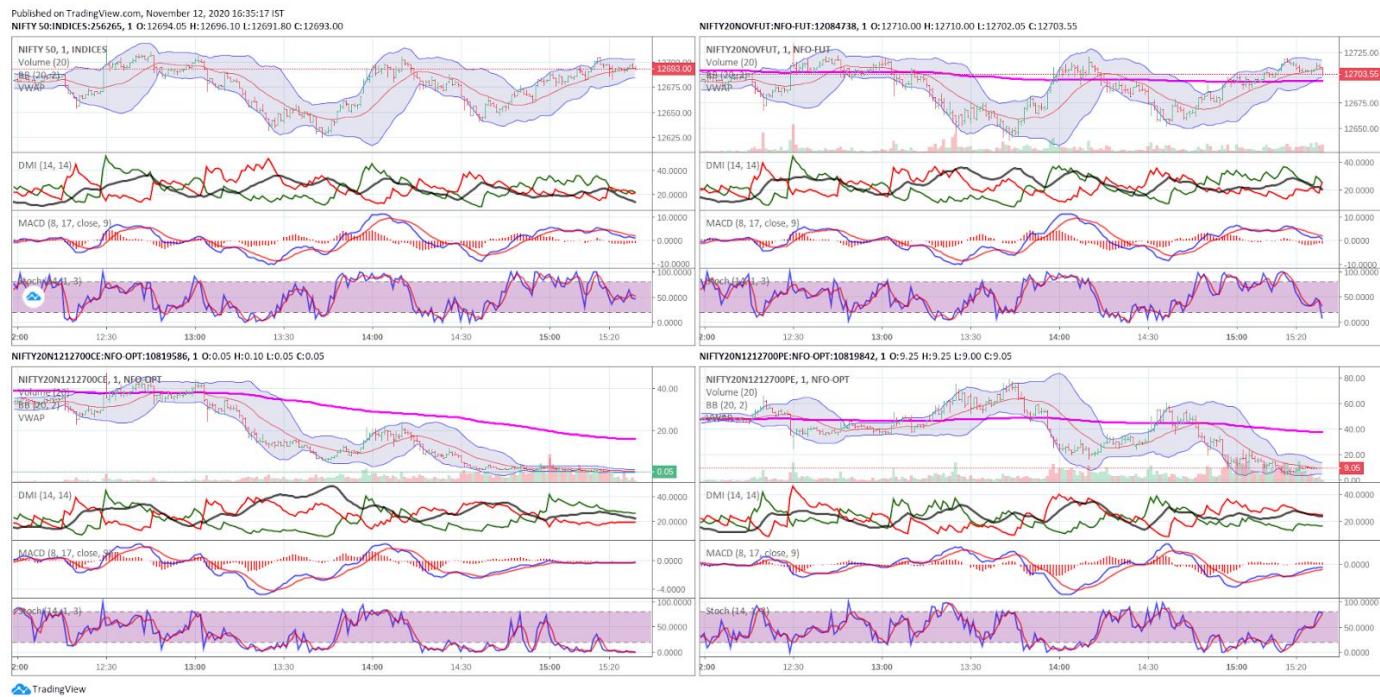


Fig: NIFTY 12700 CE PE, in comparison to Nifty and NIFTYNOV2020, contracts expiring on 12th NOV.

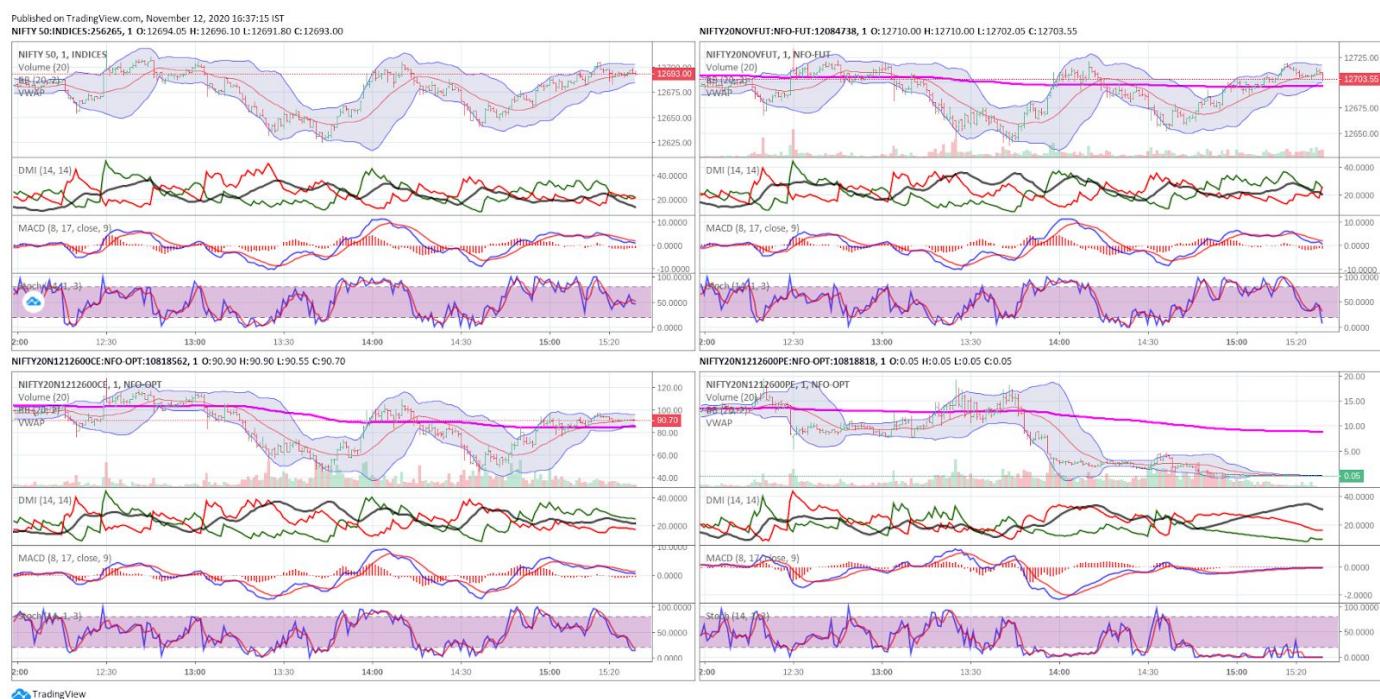


Fig: Nifty 12600 CE PE, in comparison to Nifty index and NIFTYNOV2020 contracts expiring on 12th NOV.

Sujay Ramanujadasan

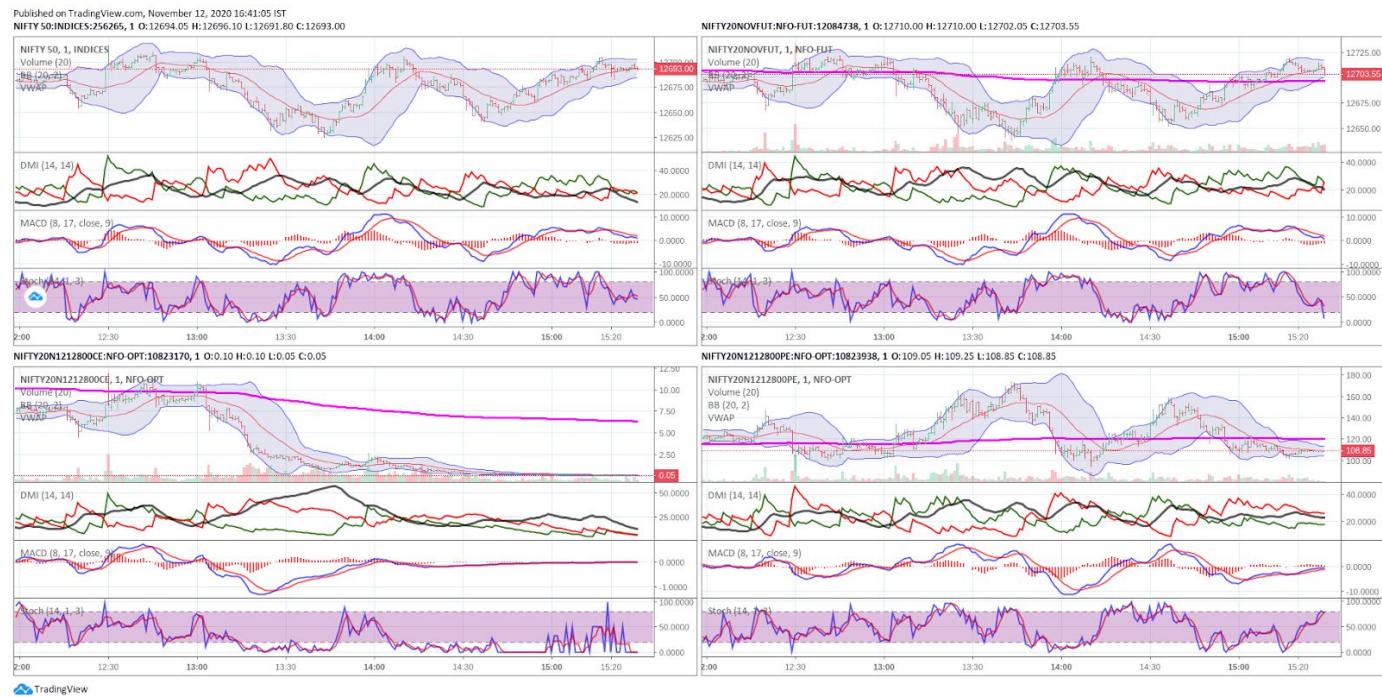


Fig: Nifty 12800 CE PE,in comparison to Nifty index and NIFTYNOV2020, contracts expiring on 12th NOV.

If u see the graphs, the dangerous time of the active reducing to 0, is very real. This is where Option sellers make money, and this is nor this can explain the concepts of Options selling strategies or Option payoff profile.

Trading Options for Intraday:

Because as of today, 12th Nov, an expiry and incidentally am typing this on the same expiry day,

NIFTYNOV2020 triggered a pullup signal at 1357PM on 12th NOV 2020, @12646., and lets sell it off at VWAP level of 12698.

NIFTY12600CE was trading at 49.3 at the BUY, and sold off at 89.

F&O - Options		
BUY	SELL	QUANTITY
49.3	89	75
<input checked="" type="radio"/> NSE		<input type="radio"/> BSE
Turnover		10372.5
Brokerage		40
STT total		3
Exchange txn charge		5.19
Clearing charge		0
GST		8.13
SEBI charges		0.01
Stamp duty		0.11
Total tax and charges		56.44
Points to breakeven		0.75
Net P&L		2921.06
+ Contract note		

F&O - Options		
BUY	SELL	QUANTITY
49.3	89	150
<input checked="" type="radio"/> NSE		<input type="radio"/> BSE
Turnover		20745
Brokerage		40
STT total		7
Exchange txn charge		10.37
Clearing charge		0
GST		9.07
SEBI charges		0.01
Stamp duty		0.22
Total tax and charges		66.67
Points to breakeven		0.44
Net P&L		5888.33
+ Contract note		

Fig: Profit/Loss on the account of trading the above trade

Such potentials exists throughout the day. Only the rigorous practice and mastery over when,what and how to trade over a period of time will one be able to take an absolute advantage over making and minting money.

Further reading material for Options and Option trading techniques

1. Options made Easy,2nd Edition by Guy Cohen
2. Option volatility and Pricing,2nd edition by Sheldon Natenberg
3. The Bible of Option Strategies by Guy Cohen
4. Trading Option Greeks by Dan Passarelli
5. Options as a Strategic Investment by Lawrence G McMillan

MINDSET for Trading:

1. Clear your head, make it empty. Train yourself to be a cold-blood calculating machine
2. Emotions, Anxiety, Hope, Prayers, Leverage - remove these variables. These are made only to make you bankrupt
3. Stick to only one method of trading. If you're comfortable with 10min swing trading, stick to it. If you are good at 1Day swing trading, stick to it. Stick to the discipline to trusting yourself the most, more importantly never get swayed to make more money than needed.
4. Don't add random technical indicators just because other person is using it. There are more than 70+ indicators available, i have used some 7 tools, and i have shown the possibility that you can still make money.
5. Be happy with what ever profit you make. Don't be greedy for more. Theres always a next day or next trigger waiting to happen.
6. Don't trade when there is no trade. Don't force yourself to make an habit of trading everyday, its not worth it.
7. NEVER borrow money to trade. Cost of servicing the debt itself is more costly(EBITA in accounting norms), forget making capital returns after tax and interest(EAT in terms of accounting norms)
8. Spend time to analyse charts after charts, stock after stocks. There are more than 1300 listed stocks on NSE, 10000+ companies on BSE, whose value is yet to be unlocked to its effective level. Have a discipline to take an early mover advantage.

To whomsoever is getting inspired to trade to make a living by deploying Chart analysis and associated mathematics, All The Best, Ladies and Gentlemen. I wish you guys a bright future with fat paychecks and hefty bank balance.

Signing off
SUJAY RAMANUJADASAN
Mysuru,
NOV 12th, 2020