

Mathematical Approach to Trading: Discovering A Short-Term High Probability, Low Risk, High Return Trading Strategy

By

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Abstract

The authors of the paper have studied price and volume contraction that may follow a certain level of price rise in high quality stocks, which results in high probability profitable trades with low exposure to downside risk. The paper specifies the criteria for defining entry points, managing of downside risks as well as profit booking criteria. The paper also shares the results of back-testing to prove the validity of trading strategy suggested in this paper.

1. Introduction

Trading in equity markets, as against the fundamental or long-term investing, is essentially about the mathematics and statistics of trading and sticking to the discipline of trade management as is implied by the rules derived from the mathematical and statistical analysis. If one can get both these aspects right viz. doing profound mathematical and statistical analysis as well as ensuring robust trade management (which inherently ensures risk management), then one can compound their money at unimaginable rates even after incorporating a fairly substantial failure rate. ^[1]

The following table demonstrates the compounded rate of return one can earn through trading with a 50% rate of success only assuming the trader strictly following the rules of booking profits as well as stop loss. A detailed analysis of the concept of compounding in trading has been done by various authors and practitioners. ^[2]

Number of trades	Risk : Reward					
	Stop Loss 5.0%	Return 10.0%	Stop Loss 7.5%	Return 15.0%	Stop Loss 10.0%	Return 20.0%
4	9.20%		13.16%		16.64%	
6	14.12%		20.37%		25.97%	
8	19.25%		28.04%		36.05%	
10	24.62%		36.21%		46.93%	
12	30.23%		44.89%		58.69%	

As can be seen from the above table, if one cuts the losses short at, say, 5% in case of bad trades and books the profits at 10% in case good trades, then the compounded rate of return after 10 trades is 24.62% even if only 5 out of the 10 trades turn out to be right.

What can make the above mathematics really exciting is the possibility of finding short-

term trades, which either gives the target return or hits the stop loss within a few trading days and which meets the threshold level of success probability. Such an approach can ensure multiple trades within a year and thus result in significant returns year-on-year.

In line with above, the authors set out on the journey to find out technical set ups based on price and volume action of the shares that potentially offer:

- 50% probability of success, with the risk : return ratio being set at 5%:10% and 7.5%:15%; and
- Average trading days / investment period of less than 25 days. Given that there are around 250 trading days in any given calendar year, this ensures than 10 to 12 trades can be taken a year, thereby enabling generating of return in line with the table above.

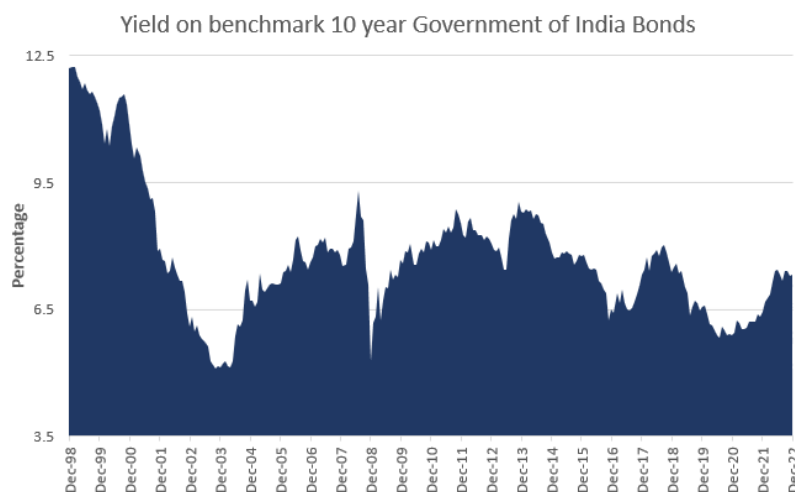
This paper proposes a strategy for the technical set up that meets the above criteria. The process of finding the technical set up as well as the returns of back testing are discussed in the sections below.

2. The Underlying Concept

It is important to have a well-balanced asset allocation of one's portfolio to generate healthy returns and create wealth over long-term. Whilst there can be various basis of deciding asset allocation such as age, risk tolerance, level of wealth, personal preferences, etc., any well-balanced allocation of investible surplus into various asset classes includes investment into equities. And given that investment into equities is important, the authors set out on the agenda to make such investments less risky whilst retaining the upside potential of equities to a large extent.

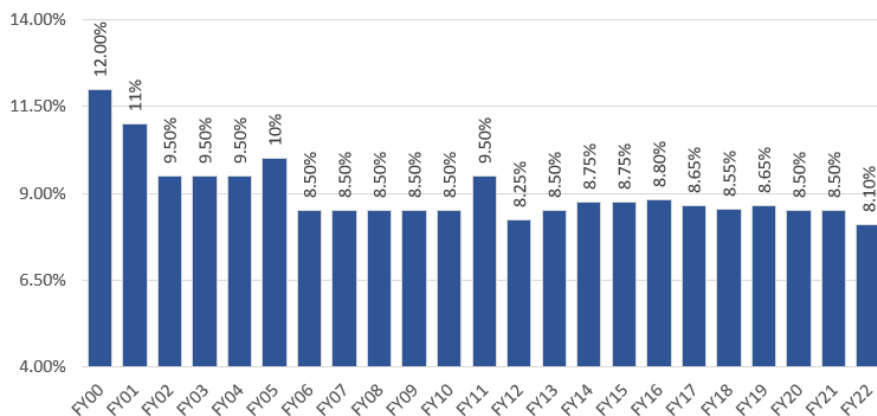
The endeavour also became important as India has been seeing declining trends in interest rates available on fixed income instruments. Thus, the portfolio returns have been seeing declining trends and the authors felt the need to increase allocation to risky assets to maintain the level of portfolio returns. However, doing the same at the cost of increased volatility of returns and level of wealth was not an acceptable outcome for the authors. Hence, the objective of making investments in equities less risky became equally important.

The following graphs and tables demonstrate the fall in yields on fixed income instruments over the last two to three decades in the Indian context:



1Source: www.investing.com

EPF Interest Rates



*FY2000-01: 12% (April-June, 2001) and 11% (July 2001 onwards) on the monthly running balance. FY2004-05: 9.50% (9% Interest + 0.5% Golden Jubilee bonus interest)

Source: <https://www.etmoney.com/learn/saving-schemes/epf-interest-rate/>

The rates available on bank fixed deposits have gradually decreased through the years, as can be seen from the table below:

Year	Average Fixed Deposit Interest Rate (%)	Year	Average Fixed Deposit Interest Rate (%)
1999 - 2000	10.00 - 10.50	2011 - 2012	9.00 - 9.25
2000 - 2001	9.50 - 10.00	2012 - 2013	8.75 - 9.00
2001 - 2002	8.00 - 8.50	2013 - 2014	8.75 - 9.10
2002 - 2003	5.50 - 6.25	2014 - 2015	8.50 - 8.75
2003 - 2004	5.25 - 5.50	2015 - 2016	7.00 - 7.50
2004 - 2005	5.75 - 6.25	2016 - 2017	6.50 - 6.90
2005 - 2006	6.25 - 7.00	2017 - 2018	6.25 - 6.70
2006 - 2007	7.75 - 9.00	2018 - 2019	6.25 - 7.25
2007 - 2008	7.50 - 9.00	2019 - 2020	5.70 - 6.40
2008 - 2009	7.75 - 8.50	2020 - 2021	5.25 - 5.35
2009 - 2010	6.50 - 7.50	2021 - 2022	5.05 - 5.35
2010 - 2011	8.25 - 8.75		

Source:

<https://www.rbi.org.in/scripts/PublicationsView.aspx?id=12765>

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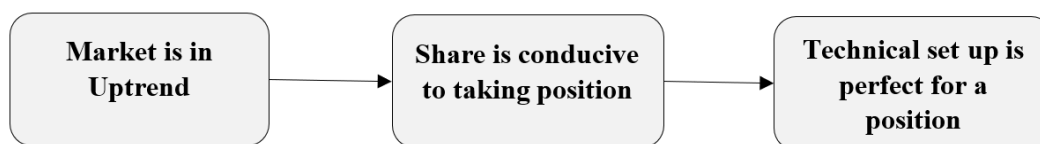
<https://www.rbi.org.in/scripts/PublicationsView.aspx?id=20469>

The above charts and table just indicate the falling trends that have been observed across fixed income instruments over the past two decades. And if India continues to develop whilst walking the path of development with sound fiscal and monetary discipline, the trend is only likely to continue in the foreseeable time ahead.

All of the above lead the authors on the path to search for making investment in equities less risky whilst retaining the upside. One of the outcomes of that quest is shared in the paper below.

3. Flowchart of the Decision Tree

For the trading strategy that is being presented in this paper, the following chart shows the approach that needs to be followed determining whether to take a position in a particular script or not at any point in time:



The requirements / criteria for each of the above aspects is presented in the sections below followed by the results of back-testing of trades that passed the qualifying criteria listed in this paper below in the three calendar years viz. 2020, 2021 and 2022.

It should be noted that the criteria presented below has been determined using an iterative process to ensure enough trades but not too many while ensuring the threshold probability of success of 50% is met and the average time of investment is less than 25 days. Determining the criteria involved scanning the entire universe of about 2000 stocks listed on National Stock Exchange (NSE) over 748 trading days during 2020, 2021 and 2022. Given that the criteria specified below are multiple and had to be run for each stock on each trading day, the number of simulations / scans required in finalising the criteria ran into lacs.

It should also be noted that the criteria mentioned below is just one set of criteria and the user can always tighten or relax the criteria based on their own trading style and comfort with the mathematics involved. As would be expected, if the user relaxes the criteria, they may get more qualifying trades but the probability of success may reduce or the risk : reward ratio may worsen. Conversely, if the criteria is further tightened, the probability of success may improve but the number of trades available may be less.

At the cost of repetition, the criteria presented here are meant to enable 8 to 12 trades in a year that offer at least 50% probability of success within a short period of exposure time, all of which put together offers a return of more than 20% in any given year.

We now discuss the three qualifying criteria mentioned above in detail:

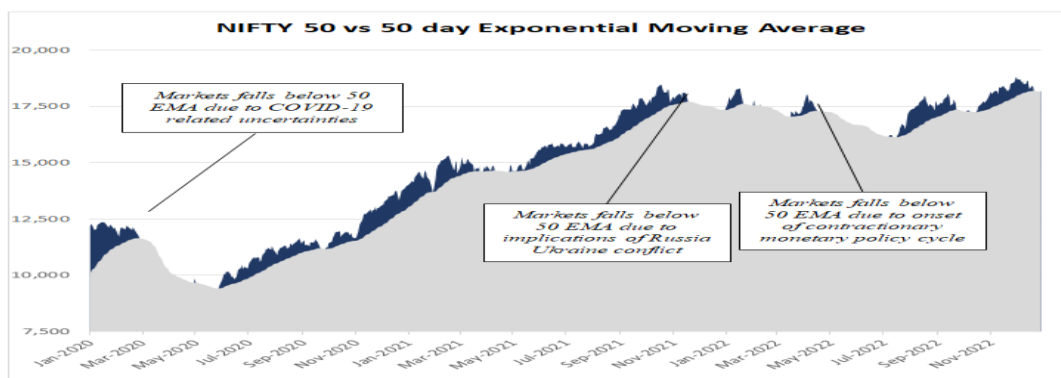
1. Market is in uptrend

Our first criteria for scanning for trades is that the general market trend should be up. The criterion for determining that the market is in uptrend has been explored by various authors,

practitioners as well as traders^[3], in which they have studied price and volume action of the entire market on various basis as well as evolved various mathematical criteria to gauge the general market environment. However, we wanted to keep this one simple as there were enough mathematical qualifying criteria for shares and trades that were anyways being considered. The choice involved was essentially between various exponential moving averages viz. 20 day or 50 day or 100 days exponential moving averages. If the benchmark index (NIFTY 50 in our case) traded above the chosen moving average, we would proceed to scanning the shares and their technical set ups. Conversely, if the benchmark index traded below the chosen moving average, we would sit tight on cash and wait for the market to turn into an uptrend. Note that being in cash and sitting on side-lines if the best position in a falling market scenario.

After considering various moving averages, the **50-day exponential moving average** was chosen as it is widely considered the first line of support in an uptrend or the first line of resistance in a downtrend^[4]. If a stock's price moves significantly below the 50-day moving average, it's commonly interpreted as a trend change to the downside.

The following chart shows the values of Nifty 50 compared to its 50-day exponential moving average. The periods highlighted in dark blue below are the periods when the market traded in an uptrend and is considered conducive for taking positions in the shares:



Source: Base data from www.nseindia.com

As can be seen from the above table, following the simple criteria of the benchmark index being above the 50-day exponential moving average would have kept an investor / trader out of the market in the most volatile times. This simple rule works as a major risk management tool and helps investors in navigating the market in the most volatile times.

2. Qualifying Criteria for Shares

Even if the benchmark index is in clear uptrend, it is important to be selective about the stocks to be considered for taking positions in stock market. Considering too many stocks and positions only clutters the mind and takes focus away from efficient and focussed selection of trades and the subsequent trade management. A focussed approach not only helps in better selection of potential trades, but it also helps in nailing down sizeable profits as well as in cutting short the losses (in case the trade goes wrong).

In this context, the authors have used the qualifying criteria for the stocks as specified in the table below. It should be noted that various traders set their own principles or criterion for determining the shares that fall within the consideration set^{[5][6]}. The criteria presented here has been determined by the authors in an iterative manner and optimised for the given trading strategy being presented in this paper. The criteria presented in the below two tables are novel and provide an action-based approach to the trader. The stocks that do not fulfil the below criteria were not even considered for

further scanning for possible trades.

S. No.	Qualifying Criteria	Mathematical Notation
1	Share price should be greater than Rs. 25 and should be traded on both National Stock Exchange (NSE) as well as Bombay Stock Exchange (BSE). This condition helps in ruling out penny stocks from coming into scans for possible trades. The authors are not suggesting that all shares below the share price of INR 25 are penny stocks. However, given the focus on risk management, the authors decided to err on the side of the caution and have this condition.	$Share\ Price > = 25$
2	The latest share price should be within 15% of the one-year high of the stock The latest share price should be within 25% of the two-year high of the stock Both the conditions 2 and 3 help in ensuring that the share is currently trading close to its 2 years high and thus ensures that it is not likely to face significant resistance as it attempts to move higher in price. Shares that have fallen significantly tend to have 'stuck-investors' who come to sell the stock as the stock prices moves higher. This creates supply which hampers fast movement of the share prices. In other words, by imposing these conditions, the authors are trying to avoid Overhead Supply*.	$Share\ Price > =$ $1\text{-year High Price} * 85\%$ AND $Share\ Price > =$ $2\text{-year high Price} * 75\%$
3	The latest share price of the stock should be at least 25% higher than the minimum share price observed during the last one year. This condition ensures that the share is not in a structural or significant downtrend at the time it is considered for scanning. Note that there are further conditions prescribed for searching the trade that ensure that the stock is not only in uptrend but also experiencing upwards momentum at the time it is considered for taking a position.	<p><i>*Overhead supply occurs when a stock price is below their highs. Investors who bought the stock at prior highs are at losses in the stock. As soon as the stock gains momentum, these loss-making investors sell-off their shares to break-even from their buy price.</i></p> $Share\ Price > =$ $1\text{-year Low Price} * 125\%$
4	Value of 1% of the 50-day Simple Moving Average (SMA) of the volume traded for the stock on NSE should be at least Rs. 500,000. This value is calculated on the latest available closing price of the share.	
5	This condition helps in ensuring that the stock is liquid enough to take a position of Rs. 5 lacs. This is based on the premise that if an investor is holding more than 1% of the average traded volume, it may not be possible to exit the trade with market order without significantly impacting the price.	$SMA (Volume, 50) * 1\% * Share\ Price$ $> = INR\ 5,00,000$

The above qualifying criteria were applied using the services provided by online technical tool www.chartink.com. The above criteria resulted in a total of 440, 890 and 762 shares qualifying, at any point in time during the year, for scanning further during 2020, 2021 and 2022 respectively.

3. Scanning for the trades

Once the shares that qualified for scanning were identified based on the above criteria

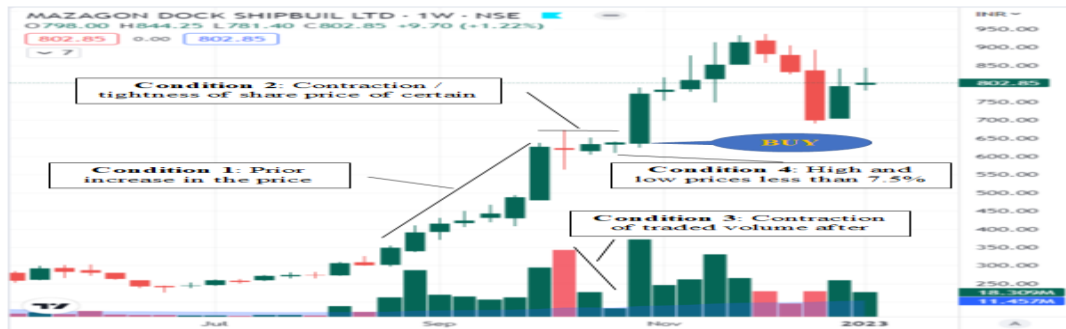
and the index was in uptrend, the trades were scanned by applying the following conditions on the **weekly share price and volume data for the past 6 weeks** (i.e., current week and 5 prior weeks):

S. No.	Price and Volume condition to be satisfied	Mathematical notation
1	Immediate trend of price increase, which was determined based on closing price 2 weeks back vs 5 weeks back. The qualifying criteria chosen was that the stock price must have risen by at least 20% during the said period. This criterion ensures that the share is experiencing an upwards momentum in share price.	$\frac{\text{Closing Price}_{W-2}}{\text{Closing Price}_{W-5}} \geq 1.20$
2	Reduction in volatility of price, reflected through tightness of closing price: Having risen in price in the immediate previous weeks as per the criteria mentioned in 1 above, the price should have closed within 2.5% of the closing price of the previous week's closing price. This condition should be satisfied for the closing price of two weeks i.e., current week as well as immediately preceding week. This criterion ensures that whilst the share price has risen, it is not experiencing any significant profit booking. This is an indication of potential increase in price in the near future.	$\begin{aligned} &0.975 * \text{Closing Price}_{W-1} < \text{Closing Price}_{W0} < 1.025 * \text{Closing Price}_{W-1} \\ \text{AND} \\ &0.975 * \text{Closing Price}_{W-2} < \text{Closing Price}_{W-1} < 1.025 * \text{Closing Price}_{W-2} \end{aligned}$
3	Contraction in volume traded: In the latest two weeks, the traded weekly volume should have contracted by at least 25% of the traded weekly volume of the previous week. Together with condition 2 above, this condition ensures that the investors are in no hurry to take profits from the stock. This is an indication of potential increase in price in the near future.	$\frac{\text{Traded Volume}_{W0}}{\text{Traded Volume}_{W-1}} \leq 0.75$
4	Contraction of Volatility in price: The difference between high and low price of the latest or current week should be less than or equal to 7.5%. Risk management and capital preservation [7] has been one of the important criteria for the authors in determining the trading strategy. This condition ensures a significant reduction in the volatility of share prices and thus ensures a low risk trade.	$\frac{\text{High Price}_{W0} - \text{Low Price}_{W0}}{\text{Low Price}_{W0}} \leq 0.075$

The above qualifying criteria were applied using the services provided by online technical tool www.chartink.com as well as coding in Microsoft Excel 365, which fetches share price and volume data based on an in-built API. The results were further validated based on data and charts provided on www.moneycontrol.com. Please note that the share prices used were before any adjustment for dividends in case of dividend paying shares.

The collective idea of above conditions is to identify shares that have experienced an upwards momentum which is followed by the prices becoming still i.e., uptrend taking a pause. If the same is also accompanied by a significant fall in traded volumes, the set up then qualitatively indicates that whilst the price has risen significantly before taking a pause, it has still not reached a level where the investors are looking to book the profits. Hence, the share can reasonably be expected to experience further gains in the price in the near term.

The following picture demonstrates how the above set up looks on a candle sticks chart for one of the actual trades (Scrip Code: Mazdock) that came out of the suggested trading rules:



Source: www.tradingview.com

The summary of the trades in each of the calendar years that we back tested the strategy for is given in the table below:

Calendar Year	No. of qualifying shares	Number of trading weeks during the year	Total number of technical set ups scanned (A)	Number of trades qualified as per above rules except the criteria relating to market direction *	Number of trades qualified as per above rules (B)	% (B / A)
2020	440	53	23,320	20	18	0.077%
2021	890	53	47,170	57	57	0.121%
2022	762	53	40,386	33	29	0.072%
Grand Total			1,10,876	110	104	0.094%

* Refers to the first criteria that the NSE NIFTY 50 index must be above its 50 day exponential moving average.

The percentage in the last column of the above table merely signifies the rarity of the chosen technical set up and does not have any relevance to the trading or position taken based on the chosen rules. The list of exact trades, together with entry price as well as exit price is given in Appendix. Please note that the same is provided for all the 110 trade set ups above.

4. Trade Recommendation

After identifying a share that passes all the criteria specified above, the following trade is being recommended:

Enter / Entry Level	Enter at (or close to) the closing price of the current week when the share passes all the criteria mentioned in the two sections above.
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Results of two strategies is presented in the section below:

Exit Strategy 1:

Exit / Exit Level **Book profits** if the share price rises by **10%** or exit the position and **stop loss** if the share price falls by **5%**, whichever happens first.

Exit Strategy 2:

Book profits if the share price rises by **15%** or exit the position and **stop loss** if the share price falls by **7.5%**, whichever happens first.

The trade is considered successful in either of the above exit strategies if the profit target is hit first i.e., before the stop loss target is triggered. Conversely, if the stop loss is hit first

5. Results

Based on the above trade rules, the following are the results on the number of valid trades identified during the immediately three preceding calendar years:

	Exit Strategy 1	Exit Strategy 2
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Year	No. of qualifying shares	Total number of technical set ups scanned	Number of qualifying trades	Successful trades	Average number of days invested per trade	Successful trades	Average number of days invested per trade
2020	440	23,320	18	9 (50.0%)	7.2 days	11 (61.1%)	13.0 days
2021	890	47,170	57	33 (57.9%)	7.6 days	35 (61.4%)	17.7 days
2022	762	40,386	29	15 (51.7%)	10.8 days	13 (44.8%)	16.8 days
Grand Total		1,10,876	104	57 (54.8%)	8.4 days	59 (56.7%)	16.6 days

Scrip wise results are given in the Appendix.

As can be seen from the above table, the strategy is resulting in a probability of success of more than 50% in both the exit strategies. Also, the average investment period is well below 25 days, which ensures that 10 to 12 trades can be taken a year, thereby enabling generation of results in line with the table below on a consistent and risk-managed basis:

Number of trades	Risk : Reward		Stop Loss	Return	Stop Loss	Return
	5.0%	10.0%				
4			9.20%		13.16%	16.64%
6			14.12%		20.37%	25.97%
8			19.25%		28.04%	36.05%
10			24.62%		36.21%	46.93%
12			30.23%		44.89%	58.69%

6. Conclusion

The authors have provided mathematical formulation and results of computer simulations for identifying low risk, high probability and high return trading strategy. A trader can further enhance the trade selection criteria and hence the outcomes by applying qualitative principles like industry in favour, prevailing economic conditions, trends in monetary policies being pursued by the central bank, etc.

References

- Section on “Never risk more than you expect to gain” from “Think & Trade like a Champion” by Mark Minervini
- Books on trading and investments by Mark Minervini (“Think & Trade Like A Champion”) and William J. O’Neil (“How to make Money in Stocks”)
- Chapter on “M = Market Direction: How you determine it” from “How to make Money in Stocks” by William J. O’Neil
- Various Chapters of “Technical Analysis of the Financial Markets A Comprehensive Guide to Trading Methods and Applications” by John J. Murphy
- Various articles on the web / internet, including:
<https://www.investors.com/how-to-invest/investors-corner/what-is-the-50-day-moving-average-when-to-buy-or-sell-growth-stocks/>
<https://www.nirmalbang.com/knowledge-center/50-day-moving-average.html>
<https://www.angelone.in/knowledge-center/online-share-trading/50-day-moving-average>
- Chapter on “How and when to buy Stocks – Part 1” from “Think & Trade like a Champion” by Mark Minervini
- Various Chapters, including the Conclusion of the book titled “Monster Stocks How they set up, run up and top – and make you money” by John Boik
- Chapter on “The Greatest Stock-Picking Secrets” from “How to make Money in Stocks” by William J. O’Neil
- Chapter on “When you must sell and cut every loss.. without exception” from “How to make Money in Stocks” by William J. O’Neil
- Chapter on “Approach every trade risk first” from “Think & Trade like a Champion” by Mark Minervini

Appendix 1. Results for Exit Strategy 1 (5% : 10% trade strategy)

Sr. No.	Script Code	Date of Entry	Closing Price				Volume (in million)			Week 0		Criteria 1 (5% - 10%)				
			w0	w-1	w-2	w-5	w0	w-1	w-2	High	Low	Hit / Fail	Target	Stop loss	No. of days for Hit / Fail	Date of Target
1	MAHANAGAR TELEPHONE NIGAM LIMITED (XNSE:MTNL)	12-Aug-22	23.6	24.2	24.8	19.4	7.20	18.91	48.06	24.25	23.25	Hit	25.91	22.37	4	19-Aug-22
2	TATA MOTORS LIMITED (XNSE:TATAMTRDVR)	18-Nov-22	219.9	224.7	229.9	191.4	14.20	37.51	53.17	230.35	215.60	Fail	241.84	208.86	23	21-Dec-22
3	Vedanta Limited (XNSE:VEDL)	05-Aug-22	253.3	254.3	258.4	214.0	54.25	84.77	130.86	257.40	245.75	Hit	278.58	240.59	24	13-Sep-22
4	SARDA ENERGY & MINERALS LIMITED (XNSE:SARDAEN)	16-Dec-22	1,031.2	1,029.4	1,045.6	871.0	0.11	0.16	0.23	1,047.65	1,004.60	Fail	1,134.27	979.59	4	22-Dec-22
5	Shree Pushkar Chemicals & Fertilisers Limited (XNSE:SHREEPUSHK)	08-Apr-22	283.8	277.6	281.4	221.1	0.94	1.28	2.00	290.25	270.10	Hit	312.13	269.56	3	13-Apr-22
6	HINDUJA GLOBAL SOLUTIONS LIMITED (XNSE:HGS)	29-Jul-22	1,312.2	1,294.7	1,323.0	1,066.0	0.49	0.82	1.47	1,319.90	1,243.45	Hit	1,443.42	1,246.59	13	19-Aug-22

7	CAN FIN HOMES LIMITED (XNSE:CANFINHOME)	12-Aug-22	600.2	588.8	596.1	463.6	1.88	3.76	7.09	606.00	582.55	Hit	660.22	570.19	18	09-Sep-22
8	THE TINPLATE COMPANY OF INDIA LTD (XNSE:TINPLATE)	04-Feb-22	370.6	370.7	369.5	276.0	2.71	8.28	22.46	378.80	358.40	Fail	407.66	352.07	6	14-Feb-22
9	MAHINDRA LIFESPACE DEVELOPERS LIMITED (XNSE:MAHLIFE)	13-Apr-22	381.3	381.1	379.4	304.0	0.58	1.45	2.78	392.85	368.30	Fail	419.38	362.19	2	19-Apr-22
10	DOLLAR INDUSTRIES LIMITED (XNSE:DOLLAR)	04-Feb-22	620.6	610.6	625.7	418.9	0.29	0.82	1.38	641.95	611.05	Fail	682.61	589.52	2	08-Feb-22
11	ESTER INDUSTRIES LIMITED (XNSE:ESTER)	09-Sep-22	169.2	166.7	164.1	133.8	1.08	1.49	3.76	174.00	162.40	Fail	186.12	160.74	11	26-Sep-22
12	TVS ELECTRONICS LIMITED (XNSE:TVSELECT)	04-Feb-22	218.2	217.1	214.4	175.8	0.61	1.46	2.22	224.90	211.00	Hit	240.02	207.29	2	08-Feb-22
13	SESHASAYEE PAPER AND BOARDS LIMITED (XNSE:SESHAPAPER)	19-Aug-22	249.2	245.2	240.8	195.5	0.68	1.08	1.91	263.05	246.00	Hit	274.12	236.74	1	22-Aug-22
14	MAX VENTURES AND INDUSTRIES LIMITED (XNSE:MAXVIL)	28-Oct-22	169.7	173.2	177.6	141.2	0.26	0.61	1.40	174.80	166.10	Hit	186.62	161.17	3	02-Nov-22
15	UFLEX LIMITED (XNSE:UFLEX)	22-Apr-22	679.9	690.8	678.9	563.0	1.11	1.48	3.57	707.00	662.15	Fail	747.89	645.91	6	02-May-22

16	UNICHEM LABORATORIES LIMITED (XNSE:UNICHEMLAB)	07-Oct-22	390.8	388.6	390.6	319.8	0.43	0.62	1.05	398.70	380.50	Fail	429.88	371.26	1	10-Oct-22
17	SHIVALIK BIMETAL CONTROLS LTD (XNSE:SBCL)	09-Sep-22	411.0	404.5	400.2	298.5	0.41	0.70	1.39	436.65	407.05	Fail	452.05	390.40	3	14-Sep-22
18	MAS FINANCIAL SERVICES LIMITED (XNSE:MASFIN)	09-Sep-22	754.4	753.1	737.6	581.7	0.12	0.26	0.74	774.45	722.00	Fail	829.84	716.68	11	26-Sep-22
19	D-LINK (INDIA) LIMITED. (XNSE:DLINKINDIA)	12-Aug-22	165.2	164.3	165.3	124.8	0.91	1.40	9.45	174.75	163.25	Hit	181.72	156.94	11	30-Aug-22
20	AEGIS LOGISTICS LIMITED (XNSE:AEGISCHEM)	05-Aug-22	265.1	258.9	258.5	211.5	4.84	6.74	19.41	276.00	257.60	Fail	291.56	251.80	7	18-Aug-22
21	INGERSOLL-RAND (INDIA) LIMITED (XNSE:INGERRAND)	13-Apr-22	1,636.3	1,606.7	1,646.6	1,348.6	0.08	0.14	0.37	1,655.50	1,586.00	Hit	1,799.93	1,554.49	3	20-Apr-22
22	LAKSHMI MACHINE WORKS LIMITED (XNSE:LAXMIMACH)	04-Feb-22	10,835.01	11,049.81	10,938.78	8,575.9	0.04	0.08	0.13	11,366.45	10,705.00	Fail	11,918.50	10,293.25	10	18-Feb-22
23	JK LAKSHMI CEMENT LIMITED (XNSE:JKLAKSHMI)	07-Oct-22	578.6	585.1	571.8	470.8	0.74	1.96	6.60	589.15	561.75	Fail	636.46	549.67	3	12-Oct-22
24	GMM PFAUDLER LIMITED (XNSE:GMMPFADLR)	23-Sep-22	1,884.9	1,870.8	1,914.1	1,588.5	0.83	1.61	4.62	1,934.10	1,830.80	Fail	2,073.34	1,790.61	57	16-Dec-22
25	GOA CARBON LIMITED (XNSE:GOACARBON)	29-Jul-22	444.8	446.6	442.0	363.9	0.18	0.39	1.16	456.70	430.00	Fail	489.28	422.56	14	22-Aug-22

26	DFM FOODS LIMITED (XNSE:DFMFOODS)	16-Sep-22	361.0	360.6	358.7	252.4	0.36	0.54	1.00	368.00	359.00	Hit	397.10	342.95	49	29-Nov-22
27	TIMKEN INDIA LIMITED (XNSE:TIMKEN)	09-Dec-22	3,501.4	3,504.7	3,577.0	2,760.3	0.50	1.68	2.60	3,630.00	3,480.50	Fail	3,851.49	3,326.28	5	16-Dec-22
28	GOODLUCK INDIA LIMITED (XNSE:GOODLUCK)	23-Sep-22	489.5	484.3	488.6	397.6	0.42	0.66	2.27	497.00	471.40	Fail	538.45	465.03	2	27-Sep-22
29	Mazagon Dock Shipbuilders Ltd (XNSE:MAZDOCK)	28-Oct-22	640.9	640.3	625.9	447.5	5.97	18.04	49.71	647.60	616.50	Hit	704.99	608.86	3	02-Nov-22
30	Solar Industries India Limited (XNSE:SOLARINDS)	02-Sep-22	3,334.1	3,346.0	3,418.7	2,742.1	0.14	0.25	0.34	3,419.00	3,278.00	Hit	3,667.51	3,167.40	12	20-Sep-22
31	NELCAST LIMITED (XNSE:NELCAST)	22-Jul-22	67.7	68.2	67.2	55.5	0.25	0.39	0.91	69.85	67.00	Hit	74.42	64.27	7	02-Aug-22
32	REFEX INDUSTRIES LIMITED (XNSE:REFEX)	07-Oct-22	161.9	163.9	166.2	138.0	0.40	1.03	1.52	166.60	158.00	Fail	178.04	153.76	4	13-Oct-22
33	POWER MECH PROJECTS LIMITED (XNSE:POWERMECH)	09-Sep-22	1,350.6	1,363.8	1,394.0	991.7	0.18	0.30	0.87	1,399.00	1,326.70	Hit	1,485.61	1,283.02	4	15-Sep-22
34	INFOBEANS TECHNOLOGIES LIMITED (XNSE:INFOBEAN)	25-Jun-21	303.4	307.4	313.6	261.3	0.12	0.22	0.58	317.85	297.50	Hit	333.74	288.23	1	28-Jun-21
35	ONWARD TECHNOLOGIES LIMITED (XNSE:ONWARDTEC)	11-Jun-21	190.8	192.2	190.6	122.7	0.36	2.95	5.19	195.00	182.55	Fail	209.88	181.26	5	18-Jun-21

36	RAJRATAN GLOBAL WIRE LIMITED (XNSE:RAJRATAN)	12-Feb-21	111.8	111.1	110.2	89.7	0.20	0.45	0.66	116.00	110.20	Hit	122.98	106.21	11	01-Mar-21
37	RAJRATAN GLOBAL WIRE LIMITED (XNSE:RAJRATAN)	01-Apr-21	154.4	154.7	151.6	110.2	0.13	0.64	1.73	160.60	152.25	Hit	169.84	146.68	3	07-Apr-21
38	AKSHARCHEM (INDIA) LIMITED (XNSE:AKSHARCHEM)	30-Jul-21	444.3	438.5	441.0	350.7	0.16	0.25	1.78	458.80	430.35	Hit	488.73	422.09	2	03-Aug-21
39	ADOR WELDING LIMITED (XNSE:ADORWELD)	25-Jun-21	596.9	607.6	612.1	408.1	0.07	0.26	0.88	615.00	581.00	Hit	656.54	567.01	2	29-Jun-21
40	PNB HOUSING FINANCE LIMITED (XNSE:PNBHOUSING)	05-Mar-21	431.1	440.3	444.5	335.4	2.06	3.64	15.90	449.30	427.20	Fail	474.21	409.55	5	15-Mar-21
41	PNB HOUSING FINANCE LIMITED (XNSE:PNBHOUSING)	12-Mar-21	421.9	431.1	440.3	359.8	0.80	2.06	3.64	439.10	417.00	Fail	464.09	400.81	2	16-Mar-21
42	BHAGERIA INDUSTRIES LIMITED (XNSE:BHAGERIA)	28-May-21	196.7	197.4	202.4	154.0	0.64	0.88	2.41	208.00	196.00	Hit	216.32	186.82	7	08-Jun-21
43	INSECTICIDES (INDIA) LIMITED (XNSE:INSECTICID)	02-Jul-21	491.8	489.7	499.2	355.3	0.24	0.61	4.79	500.00	481.35	Hit	540.93	467.16	20	02-Aug-21
44	ALICON CASTALLOY LIMITED (XNSE:ALICON)	21-May-21	524.9	513.1	521.5	428.0	0.03	0.04	0.41	540.00	506.50	Hit	577.39	498.66	1	24-May-21
45	VISAKA INDUSTRIES LTD. (XNSE:VISAKAIND)	05-Mar-21	498.4	509.7	501.7	405.9	0.17	0.26	0.64	519.60	494.00	Fail	548.24	473.48	9	19-Mar-21

46	STAR PAPER MILLS LTD. (XNSE:STARPAPER)	23-Jul-21	157.2	160.9	164.9	135.6	0.94	1.49	8.18	165.50	156.60	Hit	172.87	149.29	4	29-Jul-21
47	RPSG VENTURES LIMITED (XNSE:RPSGVENT)	01-Oct-21	951.9	971.9	989.2	693.3	0.19	0.98	2.09	999.50	938.05	Fail	1,047.09	904.31	6	11-Oct-21
48	SAGAR CEMENTS LTD (XNSE:SAGCEM)	04-Jun-21	172.5	174.5	177.8	142.9	0.40	1.05	2.37	178.00	170.25	Hit	189.75	163.88	7	15-Jun-21
49	IRB INFRASTRUCTURE DEVELOPERS LIMITED (XNSE:IRB)	14-Oct-21	211.9	209.8	210.2	172.4	13.33	24.12	55.37	217.40	207.50	Fail	233.09	201.31	2	19-Oct-21
50	GODAWARI POWER AND ISPAT LIMITED (XNSE:GPIL)	02-Jul-21	326.1	331.1	331.5	243.8	0.69	1.06	11.18	337.30	314.50	Hit	358.71	309.80	3	07-Jul-21
51	THE KARUR VYSYA BANK LIMITED (XNSE:KARURVYSYA)	05-Mar-21	59.1	59.7	60.9	42.5	7.42	15.21	25.04	61.80	58.50	Fail	65.01	56.15	9	19-Mar-21
52	MAHINDRA LIFESPACE DEVELOPERS LIMITED (XNSE:MAHLIFE)	13-Aug-21	249.9	251.0	254.2	205.1	1.25	2.36	4.61	255.80	243.85	Hit	274.89	237.41	15	06-Sep-21
53	GOLDIAM INTERNATIONAL LIMITED (XNSE:GOLDIAM)	01-Oct-21	185.1	184.8	181.1	136.0	1.20	4.58	9.51	194.00	182.60	Hit	203.56	175.80	17	27-Oct-21
54	GTPL HATHWAY LIMITED (XNSE:GTPL)	14-Oct-21	292.7	296.8	293.6	228.6	1.33	2.28	4.15	312.00	291.00	Fail	321.97	278.07	2	19-Oct-21
55	JAI CORP LIMITED (XNSE:JAICORPLTD)	09-Jul-21	151.7	153.3	155.8	120.7	7.04	11.05	19.56	159.50	149.45	Hit	166.87	144.12	2	13-Jul-21

56	TEJAS NETWORKS LIMITED (XNSE:TEJASNET)	03-Sep-21	370.1	371.1	362.4	256.6	0.89	1.55	2.54	381.00	359.00	Hit	407.06	351.55	2	07-Sep-21
57	INGERSOLL-RAND (INDIA) LIMITED (XNSE:INGERRAND)	18-Jun-21	951.6	967.8	981.0	771.7	0.26	0.49	0.82	983.50	925.20	Hit	1,046.76	904.02	22	20-Jul-21
58	TITAGARH WAGONS LIMITED (XNSE:TWL)	16-Jul-21	73.7	73.2	71.7	58.2	3.97	7.97	20.07	74.80	71.20	Fail	81.07	70.02	2	20-Jul-21
59	BAJAJ ELECTRICALS LIMITED (XNSE:BAJAJELEC)	31-Dec-21	1,284.3	1,287.0	1,312.1	1,029.4	1.08	3.82	6.24	1,339.25	1,248.60	Fail	1,412.68	1,220.04	4	06-Jan-22
60	SAKSOFT LIMITED (XNSE:SAKSOFT)	30-Apr-21	47.2	48.0	47.6	35.3	1.33	4.10	14.15	50.00	46.70	Hit	51.87	44.79	4	06-May-21
61	SAKSOFT LIMITED (XNSE:SAKSOFT)	08-Oct-21	106.5	106.8	109.0	86.3	2.97	5.93	11.17	111.20	104.00	Fail	117.10	101.13	7	20-Oct-21
62	CHAMBAL FERTILISERS AND CHEMICALS LIMITED (XNSE:CHAMBLFERT)	04-Jun-21	289.5	284.2	286.2	217.4	3.85	5.77	12.83	292.15	279.05	Hit	318.40	274.98	9	17-Jun-21
63	CRISIL Limited (XNSE:CRISIL)	09-Jul-21	2,638.4	2,674.8	2,648.2	2,018.6	0.08	0.16	0.79	2,760.00	2,572.40	Hit	2,902.24	2,506.48	6	19-Jul-21
64	MAITHAN ALLOYS LTD. (XNSE:MAITHANALL)	23-Apr-21	720.5	720.1	729.4	580.7	0.28	0.46	1.80	731.00	680.00	Hit	792.50	684.43	2	27-Apr-21
65	E.I.D PARRY (INDIA) LIMITED (XNSE:EIDPARRY)	28-May-21	415.7	417.4	409.3	330.5	1.61	2.22	3.13	428.25	414.05	Hit	457.27	394.92	7	08-Jun-21
66	JINDAL POLY FILMS LIMITED (XNSE:JINDALPOLY)	01-Apr-21	765.4	749.3	750.7	491.9	0.17	0.61	1.28	777.65	726.05	Fail	841.89	727.08	10	19-Apr-21

67	HINDALCO INDUSTRIES LIMITED (XNSE:HINDALCO)	12-Mar-21	330.2	337.9	340.3	262.1	50.36	76.29	167.78	345.00	327.45	Fail	363.22	313.69	9	25-Mar-21
68	APOLLO TYRES LIMITED. (XNSE:APOLLOTYRE)	19-Feb-21	238.6	239.6	241.6	183.3	50.27	67.97	161.03	244.40	232.60	Fail	262.41	226.62	2	23-Feb-21
69	TALBROS AUTOMOTIVE COMPONENTS LIMITED (XNSE:TALBROAUTO)	25-Jun-21	279.5	281.2	281.5	232.4	0.18	0.69	2.09	287.40	270.45	Hit	307.45	265.53	6	05-Jul-21
70	GRINDWELL NORTON LIMITED (XNSE:GRINDWELL)	24-Sep-21	1,422.2	1,450.5	1,448.3	1,191.1	0.23	0.60	0.88	1,449.95	1,362.00	Hit	1,564.42	1,351.09	15	18-Oct-21
71	G M BREWERIES LIMITED (XNSE:GMBREW)	25-Jun-21	587.6	592.9	581.1	415.8	0.37	1.09	2.26	612.00	575.00	Hit	646.31	558.17	5	02-Jul-21
72	COSMO FIRST LIMITED (XNSE:COSMOFIRST)	04-Jun-21	531.3	534.7	536.1	440.7	0.43	0.69	1.70	540.00	517.60	Hit	584.43	504.74	4	10-Jun-21
73	NLC INDIA LIMITED (XNSE:NLCINDIA)	28-May-21	60.2	60.7	61.9	47.1	22.17	34.99	156.46	62.70	59.25	Hit	66.22	57.19	6	07-Jun-21
74	TRIDENT LIMITED (XNSE:TRIDENT)	28-May-21	16.3	16.7	17.0	13.5	80.92	142.64	225.30	17.40	16.20	Hit	17.88	15.44	27	06-Jul-21
75	TRIDENT LIMITED (XNSE:TRIDENT)	04-Jun-21	16.0	16.3	16.7	13.8	38.90	80.92	142.64	16.30	15.70	Hit	17.60	15.20	22	06-Jul-21
76	BSE Limited (XNSE:BSE)	11-Jun-21	308.1	309.6	312.2	234.0	9.79	17.79	53.94	317.90	298.35	Fail	338.91	292.70	5	18-Jun-21
77	CAPLIN POINT LABORATORIES LIMITED (XNSE:CAPLIPOINT)	01-Oct-21	877.1	888.7	871.0	717.6	0.88	2.00	5.50	918.00	871.50	Fail	964.81	833.25	15	25-Oct-21

78	LA OPALA R G LIMITED (XNSE:LAOPALA)	18-Jun-21	279.3	281.4	283.1	213.8	0.76	1.05	2.36	288.90	272.05	Fail	307.18	265.29	6	28-Jun-21
79	TCNS CLOTHING CO. LIMITED (XNSE:TCNSBRANDS)	05-Mar-21	483.3	495.1	506.0	399.3	0.12	0.52	7.91	509.00	475.00	Hit	531.58	459.09	5	15-Mar-21
80	NEOGEN CHEMICALS LIMITED (XNSE:NEOGEN)	08-Oct-21	1,245.4	1,249.6	1,252.1	972.8	0.33	0.56	2.61	1,285.00	1,201.00	Hit	1,369.94	1,183.13	6	19-Oct-21
81	BOROSIL RENEWABLES LIMITED (XNSE:BORORENEW)	10-Dec-21	594.6	590.4	591.9	487.6	1.67	4.79	7.05	594.60	562.00	Hit	654.06	564.87	2	14-Dec-21
82	HAPPIEST MINDS TECHNOLOGIES LIMITED (XNSE:HAPPSTMNDS)	12-Mar-21	539.3	535.6	532.0	351.1	3.95	10.96	30.97	555.00	524.60	Fail	593.18	512.29	5	19-Mar-21
83	HAPPIEST MINDS TECHNOLOGIES LIMITED (XNSE:HAPPSTMNDS)	23-Apr-21	646.2	644.2	647.5	533.2	6.75	10.47	31.83	664.40	618.80	Hit	710.82	613.89	4	29-Apr-21
84	GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED (XNSE:GMDCLTD)	04-Jun-21	74.8	74.6	74.6	58.8	8.24	13.34	27.06	75.45	71.35	Fail	82.23	71.01	10	18-Jun-21
85	OLECTRA GREENTECH LIMITED (XNSE:OLECTRA)	16-Jul-21	244.4	244.3	243.1	188.4	0.93	5.64	7.55	255.00	238.55	Fail	268.84	232.18	2	20-Jul-21
86	T.V. TODAY NETWORK LIMITED. (XNSE:TVTODAY)	10-Dec-21	425.9	417.6	412.9	325.4	0.88	2.07	3.06	434.35	410.10	Fail	468.49	404.61	22	11-Jan-22

87	FINEOTEX CHEMICAL LIMITED (XNSE:FCL)	01-Oct-21	129.4	132.1	133.9	98.9	3.13	7.04	19.75	133.85	125.00	Fail	142.34	122.93	10	18-Oct-21
88	TRIVENI TURBINE LIMITED (XNSE:TRITURBINE)	17-Sep-21	139.0	142.5	143.3	118.2	0.94	2.00	6.56	144.00	135.00	Fail	152.90	132.05	2	21-Sep-21
89	TRIVENI TURBINE LIMITED (XNSE:TRITURBINE)	14-Oct-21	168.6	172.5	173.9	142.5	0.58	7.14	16.24	177.55	166.15	Fail	185.41	160.12	3	20-Oct-21
90	Quick Heal Technologies Limited (XNSE:QUICKHEAL)	01-Apr-21	189.3	186.2	187.3	152.4	0.66	0.91	1.85	195.00	185.20	Hit	208.23	179.84	28	17-May-21
91	APTECH LIMITED (XNSE:APTECHT)	15-May-20	102.0	102.8	103.6	83.7	0.50	1.28	1.78	105.45	99.00	Fail	112.20	96.90	1	18-May-20
92	PNB GILTS LIMITED (XNSE:PNBGILTS)	03-Jul-20	37.8	36.9	36.9	26.2	1.36	3.53	7.53	38.40	36.00	Fail	41.53	35.86	6	13-Jul-20
93	LIBERTY SHOES LIMITED (XNSE:LIBERTSHOE)	26-Jun-20	127.6	129.2	127.0	103.1	0.75	1.08	2.16	134.00	125.00	Hit	140.31	121.17	5	03-Jul-20
94	FIEM INDUSTRIES LIMITED (XNSE:FIEMIND)	24-Jul-20	429.2	439.8	439.6	356.2	0.16	0.25	0.62	448.95	419.30	Hit	472.07	407.69	11	10-Aug-20
95	VST TILLERS TRACTORS LIMITED (XNSE:VSTTILLERS)	30-Apr-20	900.0	887.9	866.4	689.7	0.02	0.07	0.12	921.05	861.30	Fail	990.00	855.00	1	04-May-20
96	AMRUTANJAN HEALTH CARE LIMITED (XNSE:AMRUTANJAN)	28-Aug-20	474.5	477.3	478.8	395.1	0.39	0.74	2.97	496.00	470.00	Fail	521.90	450.73	1	31-Aug-20
97	INFOSYS LIMITED (XNSE:INFY)	14-Aug-20	953.6	950.9	966.0	781.9	29.19	48.22	69.00	968.50	942.20	Hit	1,048.96	905.92	35	05-Oct-20
98	TATA STEEL LIMITED (XNSE:TATASTEEL)	28-Aug-20	42.4	42.9	41.9	34.6	523.677	66.611	1,096.00	43.80	42.15	Fail	46.64	40.28	7	08-Sep-20

99	THE PHOENIX MILLS LIMITED (XNSE:PHOENIXLTD)	26-Jun-20	600.2	604.8	599.9	488.6	0.27	0.46	0.61	620.00	581.00	Fail	660.22	570.19	2	30-Jun-20
100	ALKYL AMINES CHEMICALS LIMITED (XNSE:ALKYLAMINE)	11-Dec-20	1,549.1	1,586.3	1,606.0	1,318.9	0.32	0.49	1.29	1,606.00	1,500.40	Fail	1,704.01	1,471.65	6	21-Dec-20
101	HIL LIMITED (XNSE:HIL)	21-Aug-20	1,576.3	1,561.0	1,562.7	1,298.0	0.05	0.26	0.46	1,628.00	1,526.20	Hit	1,733.93	1,497.49	4	27-Aug-20
102	CARBORUNDUM UNIVERSAL LIMITED (XNSE:CARBORUNIV)	18-Dec-20	380.6	376.5	375.4	296.8	0.74	1.45	3.22	389.00	371.00	Fail	418.61	361.52	1	21-Dec-20
103	SAMVARDHANA MOTHERSON INTERNATIONAL LIMITED (XNSE:MOTHERSON)	28-Aug-20	77.8	78.4	80.0	63.7	89.89	164.55	322.85	80.25	76.90	Fail	85.53	73.86	1	31-Aug-20
104	DIXON TECHNOLOGIES (INDIA) LIMITED (XNSE:DIXON)	21-Aug-20	1,615.8	1,587.9	1,557.3	1,293.9	1.10	2.16	4.10	1,637.80	1,548.20	Hit	1,777.33	1,534.96	11	07-Sep-20
105	ASIAN GRANITO INDIA LIMITED (XNSE:ASIANILES)	10-Jul-20	132.0	134.5	136.7	81.3	0.24	0.93	3.50	137.05	128.30	Hit	145.20	125.40	7	21-Jul-20
106	DALMIA BHARAT LIMITED (XNSE:DALBHARAT)	10-Jul-20	699.4	715.9	700.0	567.7	0.44	0.88	2.11	731.95	691.50	Hit	769.29	664.38	15	31-Jul-20
107	APL Apollo Tubes Limited (XNSE:APLAPOLLO)	19-Jun-20	158.9	159.9	164.0	124.7	1.50	2.73	3.69	163.80	155.60	Hit	174.79	150.96	9	02-Jul-20
108	MULTI COMMODITY EXCHANGE OF INDIA LIMITED (XNSE:MCX)	14-Aug-20	1,657.8	1,671.6	1,686.4	1,324.6	1.51	3.51	6.11	1,749.95	1,650.00	Fail	1,823.58	1,574.91	1	17-Aug-20

109	THYROCARE TECHNOLOGIES LIMITED (XNSE:THYROCARE)	14-Aug-20	705.0	700.0	701.6	528.4	0.64	0.97	2.76	720.00	686.00	Hit	775.45	669.70	1	17-Aug-20
110	MAHANAGAR GAS LIMITED (XNSE:MGL)	11-Dec-20	1,059.2	1,037.6	1,063.9	837.6	3.45	4.82	12.51	1,064.50	1,020.30	Fail	1,165.12	1,006.24	6	21-Dec-20

Appendix 2. Results for Exit Strategy 1 (7.5% : 15% trade strategy)

Sr. No.	Script Code	Date of Entry	Closing Price				Volume (in million)			Week 0		Hit / Fail	Criteria 2 (7.5% - 15%)			
			w0	w-1	w-2	w-5	w0	w-1	w-2	High	Low		Target	Stop Loss	No. of days for Hit / Fail	Date of Target
1	MAHANAGAR TELEPHONE NIGAM LIMITED (XNSE:MTNL)	12-Aug-22	23.6	24.2	24.8	19.4	7.20	18.91	48.06	24.25	23.25	Fail	27.08	21.78	29	26-Sep-22
2	TATA MOTORS LIMITED (XNSE:TATAMTRDVR)	18-Nov-22	219.9	224.7	229.9	191.4	14.20	37.51	53.17	230.35	215.60	Fail	252.83	203.36	24	22-Dec-22
3	Vedanta Limited (XNSE:VEDL)	05-Aug-22	253.3	254.3	258.4	214.0	54.25	84.77	130.86	257.40	245.75	Hit	291.24	234.26	25	14-Sep-22
4	SARDA ENERGY & MINERALS LIMITED (XNSE:SARDAEN)	16-Dec-22	1,031.2	1,029.4	1,045.6	871.0	0.11	0.16	0.23	1,047.65	1,004.60	Fail	1,185.82	953.81	5	23-Dec-22
5	Shree Pushkar Chemicals & Fertilisers Limited (XNSE:SHREEPUSHK)	08-Apr-22	283.8	277.6	281.4	221.1	0.94	1.28	2.00	290.25	270.10	Fail	326.31	262.47	16	05-May-22
6	HINDUJA GLOBAL SOLUTIONS LIMITED (XNSE:HGS)	29-Jul-22	1,312.2	1,294.7	1,323.0	1,066.0	0.49	0.82	1.47	1,319.90	1,243.45	Hit	1,509.03	1,213.79	14	22-Aug-22

7	CAN FIN HOMES LIMITED (XNSE:CANFINHOME)	12-Aug-22	600.2	588.8	596.1	463.6	1.88	3.76	7.09	606.00	582.55	Fail	690.23	555.19	25	20-Sep-22
8	THE TINPLATE COMPANY OF INDIA LTD (XNSE:TINPLATE)	04-Feb-22	370.6	370.7	369.5	276.0	2.71	8.28	22.46	378.80	358.40	Fail	426.19	342.81	11	21-Feb-22
9	MAHINDRA LIFESPACE DEVELOPERS LIMITED (XNSE:MAHLIFE)	13-Apr-22	381.3	381.1	379.4	304.0	0.58	1.45	2.78	392.85	368.30	Fail	438.44	352.66	2	19-Apr-22
10	DOLLAR INDUSTRIES LIMITED (XNSE:DOLLAR)	04-Feb-22	620.6	610.6	625.7	418.9	0.29	0.82	1.38	641.95	611.05	Fail	713.63	574.01	2	08-Feb-22
11	ESTER INDUSTRIES LIMITED (XNSE:ESTER)	09-Sep-22	169.2	166.7	164.1	133.8	1.08	1.49	3.76	174.00	162.40	Fail	194.58	156.51	11	26-Sep-22
12	TVS ELECTRONICS LIMITED (XNSE:TVSELECT)	04-Feb-22	218.2	217.1	214.4	175.8	0.61	1.46	2.22	224.90	211.00	Hit	250.93	201.84	2	08-Feb-22
13	SESHASAYEE PAPER AND BOARDS LIMITED (XNSE:SESHAPAPER)	19-Aug-22	249.2	245.2	240.8	195.5	0.68	1.08	1.91	263.05	246.00	Hit	286.58	230.51	3	24-Aug-22
14	MAX VENTURES AND INDUSTRIES LIMITED (XNSE:MAXVIL)	28-Oct-22	169.7	173.2	177.6	141.2	0.26	0.61	1.40	174.80	166.10	Hit	195.10	156.93	3	02-Nov-22
15	UFLEX LIMITED (XNSE:UFLEX)	22-Apr-22	679.9	690.8	678.9	563.0	1.11	1.48	3.57	707.00	662.15	Fail	781.89	628.91	9	06-May-22
16	UNICHEM LABORATORIES LIMITED (XNSE:UNICHEMLAB)	07-Oct-22	390.8	388.6	390.6	319.8	0.43	0.62	1.05	398.70	380.50	Fail	449.42	361.49	2	11-Oct-22

17	SHIVALIK BIMETAL CONTROLS LTD (XNSE:SBCL)	09-Sep-22	411.0	404.5	400.2	298.5	0.41	0.70	1.39	436.65	407.05	Fail	472.59	380.13	11	26-Sep-22
18	MAS FINANCIAL SERVICES LIMITED (XNSE:MASFN)	09-Sep-22	754.4	753.1	737.6	581.7	0.12	0.26	0.74	774.45	722.00	Hit	867.56	697.82	28	20-Oct-22
19	D-LINK (INDIA) LIMITED. (XNSE:DLINKINDIA)	12-Aug-22	165.2	164.3	165.3	124.8	0.91	1.40	9.45	174.75	163.25	Hit	189.98	152.81	11	30-Aug-22
20	AEGIS LOGISTICS LIMITED (XNSE:AEGISCHEM)	05-Aug-22	265.1	258.9	258.5	211.5	4.84	6.74	19.41	276.00	257.60	Hit	304.81	245.17	50	20-Oct-22
21	INGERSOLL-RAND (INDIA) LIMITED (XNSE:INGERRAND)	13-Apr-22	1,636.3	1,606.7	1,646.6	1,348.6	0.08	0.14	0.37	1,655.50	1,586.00	Fail	1,881.75	1,513.58	16	10-May-22
22	LAKSHMI MACHINE WORKS LIMITED (XNSE:LAXMIMACH)	04-Feb-22	10,835.0	11,049.8	10,938.7	8,575.9	0.04	0.08	0.13	11,366.45	10,705.00	Fail	12,460.25	10,022.38	11	21-Feb-22
23	JK LAKSHMI CEMENT LIMITED (XNSE:JKLAKSHMI)	07-Oct-22	578.6	585.1	571.8	470.8	0.74	1.96	6.60	589.15	561.75	Fail	665.39	535.21	5	14-Oct-22
24	GMM PFAUDLER LIMITED (XNSE:GMMPFAUDLR)	23-Sep-22	1,884.9	1,870.8	1,914.1	1,588.5	0.83	1.61	4.62	1,934.10	1,830.80	Fail	2,167.58	1,743.49	57	16-Dec-22
25	GOA CARBON LIMITED (XNSE:GOACARBON)	29-Jul-22	444.8	446.6	442.0	363.9	0.18	0.39	1.16	456.70	430.00	Fail	511.52	411.44	15	23-Aug-22
26	DFM FOODS LIMITED (XNSE:DFMFOODS)	16-Sep-22	361.0	360.6	358.7	252.4	0.36	0.54	1.00	368.00	359.00	Hit	415.15	333.93	60	14-Dec-22
27	TIMKEN INDIA LIMITED (XNSE:TIMKEN)	09-Dec-22	3,501.4	3,504.7	3,577.0	2,760.3	0.50	1.68	2.60	3,630.00	3,480.50	Fail	4,026.55	3,238.75	9	22-Dec-22

28	GOODLUCK INDIA LIMITED (XNSE:GOODLUCK)	23-Sep-22	489.5	484.3	488.6	397.6	0.42	0.66	2.27	497.00	471.40	Fail	562.93	452.79	12	12-Oct-22
29	Mazagon Dock Shipbuilders Ltd (XNSE:MAZDOCK)	28-Oct-22	640.9	640.3	625.9	447.5	5.97	18.04	49.71	647.60	616.50	Hit	737.04	592.83	3	02-Nov-22
30	Solar Industries India Limited (XNSE:SOLARINDS)	02-Sep-22	3,334.1	3,346.0	3,418.7	2,742.1	0.14	0.25	0.34	3,419.00	3,278.00	Hit	3,834.22	3,084.04	12	20-Sep-22
31	NELCAST LIMITED (XNSE:NELCAST)	22-Jul-22	67.7	68.2	67.2	55.5	0.25	0.39	0.91	69.85	67.00	Hit	77.80	62.58	16	17-Aug-22
32	REFEX INDUSTRIES LIMITED (XNSE:REFEX)	07-Oct-22	161.9	163.9	166.2	138.0	0.40	1.03	1.52	166.60	158.00	Fail	186.13	149.71	10	21-Oct-22
33	POWER MECH PROJECTS LIMITED (XNSE:POWERMECH)	09-Sep-22	1,350.6	1,363.8	1,394.0	991.7	0.18	0.30	0.87	1,399.00	1,326.70	Hit	1,553.13	1,249.26	4	15-Sep-22
34	INFOBEANS TECHNOLOGIES LIMITED (XNSE:INFOBEAN)	25-Jun-21	303.4	307.4	313.6	261.3	0.12	0.22	0.58	317.85	297.50	Hit	348.91	280.65	1	28-Jun-21
35	ONWARD TECHNOLOGIES LIMITED (XNSE:ONWARDTEC)	11-Jun-21	190.8	192.2	190.6	122.7	0.36	2.95	5.19	195.00	182.55	Hit	219.42	176.49	17	06-Jul-21
36	RAJRATAN GLOBAL WIRE LIMITED (XNSE:RAJRATAN)	12-Feb-21	111.8	111.1	110.2	89.7	0.20	0.45	0.66	116.00	110.20	Hit	128.57	103.42	11	01-Mar-21
37	RAJRATAN GLOBAL WIRE LIMITED (XNSE:RAJRATAN)	01-Apr-21	154.4	154.7	151.6	110.2	0.13	0.64	1.73	160.60	152.25	Hit	177.56	142.82	14	26-Apr-21

38	AKSHARCHEM (INDIA) LIMITED (XNSE:AKSHARCHEM)	30-Jul-21	444.3	438.5	441.0	350.7	0.16	0.25	1.78	458.80	430.35	Fail	510.95	410.98	13	18-Aug-21
39	ADOR WELDING LIMITED (XNSE:ADORWELD)	25-Jun-21	596.9	607.6	612.1	408.1	0.07	0.26	0.88	615.00	581.00	Hit	686.38	552.09	3	30-Jun-21
40	PNB HOUSING FINANCE LIMITED (XNSE:PNBHOUSING)	05-Mar-21	431.1	440.3	444.5	335.4	2.06	3.64	15.90	449.30	427.20	Fail	495.77	398.77	6	16-Mar-21
41	PNB HOUSING FINANCE LIMITED (XNSE:PNBHOUSING)	12-Mar-21	421.9	431.1	440.3	359.8	0.80	2.06	3.64	439.10	417.00	Fail	485.19	390.26	3	17-Mar-21
42	BHAGERIA INDUSTRIES LIMITED (XNSE:BHAGERIA)	28-May-21	196.7	197.4	202.4	154.0	0.64	0.88	2.41	208.00	196.00	Hit	226.15	181.90	7	08-Jun-21
43	INSECTICIDES (INDIA) LIMITED (XNSE:INSECTICID)	02-Jul-21	491.8	489.7	499.2	355.3	0.24	0.61	4.79	500.00	481.35	Fail	565.51	454.87	58	27-Sep-21
44	ALICON CASTALLOY LIMITED (XNSE:ALICON)	21-May-21	524.9	513.1	521.5	428.0	0.03	0.04	0.41	540.00	506.50	Hit	603.64	485.53	1	24-May-21
45	VISAKA INDUSTRIES LTD. (XNSE:VISAKAIND)	05-Mar-21	498.4	509.7	501.7	405.9	0.17	0.26	0.64	519.60	494.00	Fail	573.16	461.02	18	05-Apr-21
46	STAR PAPER MILLS LTD. (XNSE:STARPAPER)	23-Jul-21	157.2	160.9	164.9	135.6	0.94	1.49	8.18	165.50	156.60	Fail	180.72	145.36	20	23-Aug-21
47	RPSG VENTURES LIMITED (XNSE:RPSGVENT)	01-Oct-21	951.9	971.9	989.2	693.3	0.19	0.98	2.09	999.50	938.05	Fail	1,094.69	880.51	15	25-Oct-21
48	SAGAR CEMENTS LTD (XNSE:SAGCEM)	04-Jun-21	172.5	174.5	177.8	142.9	0.40	1.05	2.37	178.00	170.25	Hit	198.38	159.56	7	15-Jun-21

49	IRB INFRASTRUCTURE DEVELOPERS LIMITED (XNSE:IRB)	14-Oct-21	211.9	209.8	210.2	172.4	13.33	24.12	55.37	217.40	207.50	Hit	243.69	196.01	4	21-Oct-21
50	GODAWARI POWER AND ISPAT LIMITED (XNSE:GPIL)	02-Jul-21	326.1	331.1	331.5	243.8	0.69	1.06	11.18	337.30	314.50	Hit	375.02	301.64	5	09-Jul-21
51	THE KARUR VYSYA BANK LIMITED (XNSE:KARURVYSYA)	05-Mar-21	59.1	59.7	60.9	42.5	7.42	15.21	25.04	61.80	58.50	Fail	67.97	54.67	9	19-Mar-21
52	MAHINDRA LIFESPACE DEVELOPERS LIMITED (XNSE:MAHLIFE)	13-Aug-21	249.9	251.0	254.2	205.1	1.25	2.36	4.61	255.80	243.85	Hit	287.39	231.16	16	07-Sep-21
53	GOLDIAM INTERNATIONAL LIMITED (XNSE:GOLDIAM)	01-Oct-21	185.1	184.8	181.1	136.0	1.20	4.58	9.51	194.00	182.60	Hit	212.81	171.17	17	27-Oct-21
54	GTPL HATHWAY LIMITED (XNSE:GTPL)	14-Oct-21	292.7	296.8	293.6	228.6	1.33	2.28	4.15	312.00	291.00	Fail	336.61	270.75	2	19-Oct-21
55	JAI CORP LIMITED (XNSE:JAICORPLTD)	09-Jul-21	151.7	153.3	155.8	120.7	7.04	11.05	19.56	159.50	149.45	Fail	174.46	140.32	21	10-Aug-21
56	TEJAS NETWORKS LIMITED (XNSE:TEJASNET)	03-Sep-21	370.1	371.1	362.4	256.6	0.89	1.55	2.54	381.00	359.00	Hit	425.56	342.30	3	08-Sep-21
57	INGERSOLL-RAND (INDIA) LIMITED (XNSE:INGERRAND)	18-Jun-21	951.6	967.8	981.0	771.7	0.26	0.49	0.82	983.50	925.20	Hit	1,094.34	880.23	75	06-Oct-21
58	TITAGARH WAGONS LIMITED (XNSE:TWL)	16-Jul-21	73.7	73.2	71.7	58.2	3.97	7.97	20.07	74.80	71.20	Hit	84.76	68.17	10	02-Aug-21
59	BAJAJ ELECTRICALS LIMITED (XNSE:BAJAJELEC)	31-Dec-21	1,284.3	1,287.0	1,312.1	1,029.4	1.08	3.82	6.24	1,339.25	1,248.60	Fail	1,476.89	1,187.93	16	24-Jan-22

60	SAKSOFT LIMITED (XNSE:SAKSOFT)	30-Apr-21	47.2	48.0	47.6	35.3	1.33	4.10	14.15	50.00	46.70	Hit	54.22	43.61	40	28-Jun-21
61	SAKSOFT LIMITED (XNSE:SAKSOFT)	08-Oct-21	106.5	106.8	109.0	86.3	2.97	5.93	11.17	111.20	104.00	Fail	122.42	98.47	8	21-Oct-21
62	CHAMBAL FERTILISERS AND CHEMICALS LIMITED (XNSE:CHAMBLFERT)	04-Jun-21	289.5	284.2	286.2	217.4	3.85	5.77	12.83	292.15	279.05	Hit	332.87	267.74	44	06-Aug-21
63	CRISIL Limited (XNSE:CRISIL)	09-Jul-21	2,638.4	2,674.8	2,648.2	2,018.6	0.08	0.16	0.79	2,760.00	2,572.40	Hit	3,034.16	2,440.52	6	19-Jul-21
64	MAITHAN ALLOYS LTD. (XNSE:MAITHANALL)	23-Apr-21	720.5	720.1	729.4	580.7	0.28	0.46	1.80	731.00	680.00	Hit	828.52	666.42	6	03-May-21
65	E.I.D PARRY (INDIA) LIMITED (XNSE:EIDPARRY)	28-May-21	415.7	417.4	409.3	330.5	1.61	2.22	3.13	428.25	414.05	Fail	478.06	384.52	52	11-Aug-21
66	JINDAL POLY FILMS LIMITED (XNSE:JINDALPOLY)	01-Apr-21	765.4	749.3	750.7	491.9	0.17	0.61	1.28	777.65	726.05	Fail	880.15	707.95	16	28-Apr-21
67	HINDALCO INDUSTRIES LIMITED (XNSE:HINDALCO)	12-Mar-21	330.2	337.9	340.3	262.1	50.36	76.29	167.78	345.00	327.45	Fail	379.73	305.44	9	25-Mar-21
68	APOLLO TYRES LIMITED. (XNSE:APOLLOTYRE)	19-Feb-21	238.6	239.6	241.6	183.3	50.27	67.97	161.03	244.40	232.60	Fail	274.33	220.66	18	18-Mar-21
69	TALBROS AUTOMOTIVE COMPONENTS LIMITED (XNSE:TALBROAUTO)	25-Jun-21	279.5	281.2	281.5	232.4	0.18	0.69	2.09	287.40	270.45	Hit	321.43	258.54	6	05-Jul-21

70	GRINDWELL NORTON LIMITED (XNSE:GRINDWELL)	24-Sep-21	1,422.2	1,450.5	1,448.3	1,191.1	0.23	0.60	0.88	1,449.95	1,362.00	Hit	1,635.53	1,315.54	23	28-Oct-21
71	G M BREWERIES LIMITED (XNSE:GMBREW)	25-Jun-21	587.6	592.9	581.1	415.8	0.37	1.09	2.26	612.00	575.00	Fail	675.68	543.48	31	10-Aug-21
72	COSMO FIRST LIMITED (XNSE:COSMOFIRST)	04-Jun-21	531.3	534.7	536.1	440.7	0.43	0.69	1.70	540.00	517.60	Hit	611.00	491.45	18	30-Jun-21
73	NLC INDIA LIMITED (XNSE:NLCINDIA)	28-May-21	60.2	60.7	61.9	47.1	22.17	34.99	156.46	62.70	59.25	Fail	69.23	55.69	42	28-Jul-21
74	TRIDENT LIMITED (XNSE:TRIDENT)	28-May-21	16.3	16.7	17.0	13.5	80.92	142.64	225.30	17.40	16.20	Hit	18.69	15.03	42	28-Jul-21
75	TRIDENT LIMITED (XNSE:TRIDENT)	04-Jun-21	16.0	16.3	16.7	13.8	38.90	80.92	142.64	16.30	15.70	Hit	18.40	14.80	37	28-Jul-21
76	BSE Limited (XNSE:BSE)	11-Jun-21	308.1	309.6	312.2	234.0	9.79	17.79	53.94	317.90	298.35	Hit	354.32	284.99	22	13-Jul-21
77	CAPLIN POINT LABORATORIES LIMITED (XNSE:CAPLIPOINT)	01-Oct-21	877.1	888.7	871.0	717.6	0.88	2.00	5.50	918.00	871.50	Fail	1,008.67	811.32	15	25-Oct-21
78	LA OPALA R G LIMITED (XNSE:LAOPALA)	18-Jun-21	279.3	281.4	283.1	213.8	0.76	1.05	2.36	288.90	272.05	Hit	321.14	258.31	53	03-Sep-21
79	TCNS CLOTHING CO. LIMITED (XNSE:TCNSBRANDS)	05-Mar-21	483.3	495.1	506.0	399.3	0.12	0.52	7.91	509.00	475.00	Hit	555.74	447.01	8	18-Mar-21
80	NEOGEN CHEMICALS LIMITED (XNSE:NEOGEN)	08-Oct-21	1,245.4	1,249.6	1,252.1	972.8	0.33	0.56	2.61	1,285.00	1,201.00	Hit	1,432.21	1,152.00	6	19-Oct-21

81	BOROSIL RENEWABLES LIMITED (XNSE:BORORENEW)	10-Dec-21	594.6	590.4	591.9	487.6	1.67	4.79	7.05	594.60	562.00	Hit	683.79	550.01	3	15-Dec-21
82	HAPPIEST MINDS TECHNOLOGIES LIMITED (XNSE:HAPPSTMNDS)	12-Mar-21	539.3	535.6	532.0	351.1	3.95	10.96	30.97	555.00	524.60	Hit	620.14	498.81	14	05-Apr-21
83	HAPPIEST MINDS TECHNOLOGIES LIMITED (XNSE:HAPPSTMNDS)	23-Apr-21	646.2	644.2	647.5	533.2	6.75	10.47	31.83	664.40	618.80	Hit	743.13	597.74	5	30-Apr-21
84	GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED (XNSE:GMDCLTD)	04-Jun-21	74.8	74.6	74.6	58.8	8.24	13.34	27.06	75.45	71.35	Fail	85.96	69.14	18	30-Jun-21
85	OLECTRA GREENTECH LIMITED (XNSE:OLECTRA)	16-Jul-21	244.4	244.3	243.1	188.4	0.93	5.64	7.55	255.00	238.55	Hit	281.06	226.07	8	29-Jul-21
86	T.V. TODAY NETWORK LIMITED. (XNSE:TVTODAY)	10-Dec-21	425.9	417.6	412.9	325.4	0.88	2.07	3.06	434.35	410.10	Fail	489.79	393.96	31	24-Jan-22
87	FINEOTEX CHEMICAL LIMITED (XNSE:FCL)	01-Oct-21	129.4	132.1	133.9	98.9	3.13	7.04	19.75	133.85	125.00	Fail	148.81	119.70	12	20-Oct-21
88	TRIVENI TURBINE LIMITED (XNSE:TRITURBINE)	17-Sep-21	139.0	142.5	143.3	118.2	0.94	2.00	6.56	144.00	135.00	Hit	159.85	128.58	9	30-Sep-21
89	TRIVENI TURBINE LIMITED (XNSE:TRITURBINE)	14-Oct-21	168.6	172.5	173.9	142.5	0.58	7.14	16.24	177.55	166.15	Hit	193.83	155.91	8	27-Oct-21

90	Quick Heal Technologies Limited (XNSE:QUICKHEAL)	01-Apr-21	189.3	186.2	187.3	152.4	0.66	0.91	1.85	195.00	185.20	Hit	217.70	175.10	28	17-May-21
91	APTECH LIMITED (XNSE:APTECHT)	15-May-20	102.0	102.8	103.6	83.7	0.50	1.28	1.78	105.45	99.00	Fail	117.30	94.35	6	26-May-20
92	PNB GILTS LIMITED (XNSE:PNBGILTS)	03-Jul-20	37.8	36.9	36.9	26.2	1.36	3.53	7.53	38.40	36.00	Fail	43.41	34.92	7	14-Jul-20
93	LIBERTY SHOES LIMITED (XNSE:LIBERTSHOE)	26-Jun-20	127.6	129.2	127.0	103.1	0.75	1.08	2.16	134.00	125.00	Hit	146.68	117.98	5	03-Jul-20
94	FIEM INDUSTRIES LIMITED (XNSE:FIEMIND)	24-Jul-20	429.2	439.8	439.6	356.2	0.16	0.25	0.62	448.95	419.30	Hit	493.52	396.96	11	10-Aug-20
95	VST TILLERS TRACTORS LIMITED (XNSE:VSTTILLERS)	30-Apr-20	900.0	887.9	866.4	689.7	0.02	0.07	0.12	921.05	861.30	Hit	1,035.00	832.50	21	02-Jun-20
96	AMRUTANJAN HEALTH CARE LIMITED (XNSE:AMRUTANJAN)	28-Aug-20	474.5	477.3	478.8	395.1	0.39	0.74	2.97	496.00	470.00	Fail	545.62	438.87	6	07-Sep-20
97	INFOSYS LIMITED (XNSE:INFY)	14-Aug-20	953.6	950.9	966.0	781.9	29.19	48.22	69.00	968.50	942.20	Hit	1,096.64	882.08	38	08-Oct-20
98	TATA STEEL LIMITED (XNSE:TATASTEEL)	28-Aug-20	42.4	42.9	41.9	34.6	523.67766.611,096.00			43.80	42.15	Fail	48.76	39.22	8	09-Sep-20
99	THE PHOENIX MILLS LIMITED (XNSE:PHOENIXLTD)	26-Jun-20	600.2	604.8	599.9	488.6	0.27	0.46	0.61	620.00	581.00	Fail	690.23	555.19	4	02-Jul-20
100	ALKYL AMINES CHEMICALS LIMITED (XNSE:ALKYLAMINE)	11-Dec-20	1,549.1	1,586.3	1,606.0	1,318.9	0.32	0.49	1.29	1,606.00	1,500.40	Fail	1,781.47	1,432.92	7	22-Dec-20
101	HIL LIMITED (XNSE:HIL)	21-Aug-20	1,576.3	1,561.0	1,562.7	1,298.0	0.05	0.26	0.46	1,628.00	1,526.20	Hit	1,812.75	1,458.08	4	27-Aug-20

102	CARBORUNDUM UNIVERSAL LIMITED (XNSE:CARBORUNIV)	18-Dec-20	380.6	376.5	375.4	296.8	0.74	1.45	3.22	389.00	371.00	Hit	437.63	352.01	25	25-Jan-21
103	SAMVARDHANA MOTHERSON INTERNATIONAL LIMITED (XNSE:MOTHERSON)	28-Aug-20	77.8	78.4	80.0	63.7	89.89	164.55	322.85	80.25	76.90	Fail	89.41	71.92	2	01-Sep-20
104	DIXON TECHNOLOGIES (INDIA) LIMITED (XNSE:DIXON)	21-Aug-20	1,615.8	1,587.9	1,557.3	1,293.9	1.10	2.16	4.10	1,637.80	1,548.20	Hit	1,858.11	1,494.57	12	08-Sep-20
105	ASIAN GRANITO INDIA LIMITED (XNSE:ASIAN_TILES)	10-Jul-20	132.0	134.5	136.7	81.3	0.24	0.93	3.50	137.05	128.30	Hit	151.80	122.10	9	23-Jul-20
106	DALMIA BHARAT LIMITED (XNSE:DALBHARAT)	10-Jul-20	699.4	715.9	700.0	567.7	0.44	0.88	2.11	731.95	691.50	Hit	804.25	646.90	19	06-Aug-20
107	APL Apollo Tubes Limited (XNSE:APLAPOLLO)	19-Jun-20	158.9	159.9	164.0	124.7	1.50	2.73	3.69	163.80	155.60	Hit	182.74	146.98	11	06-Jul-20
108	MULTI COMMODITY EXCHANGE OF INDIA LIMITED (XNSE:MCX)	14-Aug-20	1,657.8	1,671.6	1,686.4	1,324.6	1.51	3.51	6.11	1,749.95	1,650.00	Fail	1,906.47	1,533.47	18	09-Sep-20
109	THYROCCARE TECHNOLOGIES LIMITED (XNSE:THYROCCARE)	14-Aug-20	705.0	700.0	701.6	528.4	0.64	0.97	2.76	720.00	686.00	Hit	810.69	652.08	1	17-Aug-20
110	MAHANAGAR GAS LIMITED (XNSE:MGL)	11-Dec-20	1,059.2	1,037.6	1,063.9	837.6	3.45	4.82	12.51	1,064.50	1,020.30	Hit	1,218.08	979.76	47	18-Feb-21