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# A STUDY ON PERFORMANCE ANALYSIS OF MUTUAL FUNDS AT ZEN SECURITIES LIMITED

CH. Sumanth , P.Swapna

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## ABSTRACT

Mutual funds have increased in popularity as investment vehicles because they allow investors to pool their money and invest in a diverse range of stocks. This mutual fund review discusses their characteristics, benefits, and considerations for investors interested in these investing options. Mutual funds are professionally managed investment vehicles that combine money from a variety of people and invest it in a diverse portfolio of stocks, bonds, and other securities. This abstract examines the form and operation of mutual funds, as well as the asset management duties of fund managers, custodians, and trustees. The abstract addresses the advantages of mutual fund investing, such as diversification, professional management, liquidity, and accessibility. It emphasizes how mutual funds enable individuals to invest in a diverse variety of asset classes and market sectors without having to invest significant sums of money or have advanced investment skills.

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**Key Words:** Mutual Funds, Portfolio, stocks, bonds, Financial Market etc...

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## INTRODUCTION

Mutual funds have increased in popularity as investment vehicles because they allow investors to pool their money and invest in a diverse range of stocks. This mutual fund review discusses their characteristics, benefits, and considerations for investors interested in these investing options. Mutual funds are professionally managed investment vehicles that combine money from a variety of people

and invest it in a diverse portfolio of stocks, bonds, and other securities. This abstract examines the form and operation of mutual funds, as well as the asset management duties of fund managers, custodians, and trustees. The abstract addresses the advantages of mutual fund investing, such as diversification, professional management, liquidity, and accessibility.

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It emphasizes how mutual funds enable individuals to invest in a diverse variety of asset classes and market sectors without having to invest significant sums of money or have advanced investment skills. Mutual funds are managed investment pools that pool the resources of multiple investors in order to make large-scale purchases of assets. The United Kingdom and Europe both include institutions analogous to those found in the United States, Canada, and India, such as the SICAV (an acronym for Investment Company with variable capital). The four most frequent kinds of mutual funds are money market accounts, bond or fixed income accounts, stock or equity accounts, and combination accounts. Mutual funds that track an index are a type of passive investment. For instance, they can monitor the performance of a bond or stock market index. Actively managed funds aim to outperform the market on a consistent basis at a higher expense ratio. There are three main categories of mutual funds: unit investment trusts, closed-end funds, and open-end funds. If the order is received before the cutoff time, the seller will purchase or sell open-ended funds at the net asset value per share as of the order cutoff time. You can talk to the one who created the world. Mutual funds, like any other financial instrument, have advantages and disadvantages. Mutual funds provide scale in addition to liquidity, expert management, and risk diversification. The expenses and fees of mutual funds will never go away. Annual reports detailing the fund's performance relative to its benchmarks, fees, and holdings are required by the agencies that regulate mutual funds. It is possible for a single mutual fund to offer multiple share classes, with the larger classes typically having lower expenses. Mutual funds function as a financial go-between on the stock exchange. Money from retail and institutional investors is pooled into units and invested in various stock and bond schemes. Mutual funds are more secure than investing directly in stocks and bonds because of the expertise of the fund's managers. Investors who misjudge the complexity of the Indian stock market frequently suffer financial losses.

## REVIEW OF LITERATURE

**MS Pal, A Chandani (2014)** studied the mutual funds allow for portfolio diversification and relative risk aversion through collection of funds from the households and investment of the same in the stock and debt markets

**Raj, M. Verma T., Bansal, S., & Jain, A. (2018)** investigated the issue of black money with the specific goal of controlling and checking its inescapability in India. In any event, its success is dependent on the board's partners, as tackling this issue demands a massive push.

**Rehman, A. (2018)** observed the investors' Attitude towards Mutual Funds Asian Investment Option in this paper, structure of mutual fund, operations of mutual fund comparison between investment in mutual fund and bank and calculation of NAV etc. have been considered. In this paper the impacts of various demographic factors on investors' attitude towards mutual fund have been studied.

**Chauhan, S. Kataria S. & Dhand R. (2020)** concluded that the descriptive type research is the target population will be individual investor in Anand- Vidyanagar area of relatively affluent western State of Gujarat (India). The survey will be based on convenience sampling having 100 investors as sample size. The study will try to identify the consumers' preference for various mutual funds and the main reasons for investment in mutual fund schemes.

**Sharma, K. B. (2020)** was conducted among 384 mutual funds investors from the twin cities of Hyderabad & Secunderabad to study the factors influencing the fund/scheme selection behavior of these investors. It is hoped that this survey will underpin the AMCs with regards to planning and implementation of designing, marketing and selling of innovative products.

## NEED FOR THE STUDY

- The initiative's primary objective is to raise public understanding of the versatility of money market mutual funds as both short- and long-term investment vehicles.
- The ultimate objective is to encourage people of modest means to put some of their money into mutual funds.
- The primary objective of this research was to examine several ZEN Securities Limited money market mutual funds to demonstrate the adaptability of these investments. Most financiers consider purchasing mutual fund shares a safe investment.

## SCOPE OF THE STUDY

Over time, the impacted area has significantly expanded. Mutual funds were initially not widely available to the customers of investment firms. People had never before pooled their resources in this way. Many investors, after making an initial attempt at diversification, continued to put money into mutual funds.

## OBJECTIVES OF THE STUDY

Money market mutual funds are covered extensively throughout this course, as are the inner workings of a financial institution, the regulations governing them, and the benefits and drawbacks of investing in ZEN SECURITIES LIMITED's money market mutual funds.

- To understand the performance of mutual funds.
- To analyze the risk & average return of ICICI Mutual funds and SBI Mutual funds.
- To evaluating the funds potential for loss & gain of AXIS Mutual funds and ICICI Mutual funds.
- To examine the derivations between net asset value and returns.

## RESEARCH METHODOLOGY

A strategy is a well-thought-out plan of action.

A strategy's purpose is to address a challenge or generate a new product or service. The project's overarching strategy specifies the types of data, locations, and methods to be used in gathering them. Based on how well they accomplish those goals, research methodologies can be classified as either exploratory, descriptive, or causal. Students learn more about any topic by conducting independent research. Despite the fact that this information is often beneficial, projections are often created for many various reasons, the most popular of which is the one that is picked. It would be fascinating to learn how these factors influence the desired outcome.

**DATA COLLECTION:** Two primary data sets immediately spring to mind:

**PRIMARY DATA:** This approach takes into account data gleaned from personal interviews with registered clerks and members of the Zen securities limited.

**SECONDARY DATA:** The data only choose trustworthy and comprehensive websites for this purpose. At the conclusion of the investigation, all of this data was compiled and released to the public. They conducted a series of surveys to get the data. We researched the topic by reading advertisements, periodicals, and other sources. After collecting and organizing all essential data, the project's primary results were reached of Zen securities limited.

**Financial Year:** Sample size taken from 2 July - 30 September, 2022.

**Statistical Tools:** MS -Excel, Tables, Graphical tools.

## LIMITATIONS OF THE STUDY

- ZEN SECURITIES LIMITED is the focus of this analysis.
- Money market mutual funds have been the focus of the majority of studies.
- Secondary data were collected from periodic info sheets, websites, offer documents, periodicals, and newspapers because primary data were unavailable for this study.

- The investigation may take up to 45 days to complete.
- Evaluation of ZEN SECURITIES LIMITED as a mutual fund manager.

## INTERPRETATION

The data shows risk and average return of the mutual funds based on deviation between NAV and

returns.

## DATA ANALYSIS AND

### NAV AND RETURNS OF ICICI MUTUAL FUNDS -FOR THE MONTH OF 2<sup>ND</sup> JULY-2022 TO 30<sup>TH</sup> SEPTEMBER 2022-TABLE:1

Date	Nav	Return	Deviation	Deviation2
02-Jul-22	12.1473	0.63	3.03	9.18
03-Jul-22	11.9995	-1.23	-1.208	1.46
04-Jul-22	12.1022	0.85	0.872	0.76
05-Jul-22	12.1238	0.18	0.202	0.04
06-Jul-22	12.0218	-0.85	-0.828	0.69
07-Jul-22	12.0946	0.6	0.622	0.39
08-Jul-22	12.0088	-0.71	-0.688	0.47
09-Jul-22	12.2319	1.82	1.842	3.39
10-Jul-22	12.3506	0.96	0.982	0.96
11-Jul-22	12.3565	0.05	0.072	0.01
12-Jul-22	12.1345	-1.83	-1.808	3.27
13-Jul-22	12.279	1.18	1.202	1.45
14-Jul-22	12.3881	0.88	0.902	0.81
15-Jul-22	12.3581	-0.24	-0.218	0.05
16-Jul-22	12.3362	-0.18	-0.158	0.02
17-Jul-22	12.3852	0.4	0.422	0.18
18-Jul-22	12.2116	-1.42	-1.398	1.95
19-Jul-22	12.1539	-0.47	-0.448	0.2
20-Jul-22	12.11	-0.36	-0.338	0.11
21-Jul-22	12.0538	-0.47	-0.448	0.2
22-Jul-22	11.9283	-1.05	-1.028	1.06
23-Jul-22	11.8797	-0.41	-0.388	0.15
24-Jul-22	11.8876	0.07	0.092	0.01
25-Jul-22	11.7845	-0.87	-0.848	0.72
26-Jul-22	11.7834	-0.01	0.012	0
27-Jul-22	11.5992	-1.59	-1.568	2.46
28-Jul-22	11.5613	-0.33	-0.308	0.09
29-Jul-22	11.6393	0.67	0.692	0.48
30-Jul-22	11.6915	0.45	0.472	0.22
31-Jul-22	11.8386	1.24	1.262	1.59
01-Aug-22	11.9066	0.57	0.592	0.35
02-Aug-22	11.6732	-2	-1.978	3.91
03-Aug-22	11.5014	-1.49	-1.468	2.15
04-Aug-22	11.4428	-0.51	-0.488	0.24
05-Aug-22	11.3731	-0.61	-0.588	0.35
06-Aug-22	11.5344	1.4	1.422	2.02
07-Aug-22	11.6327	0.85	0.872	0.76
08-Aug-22	11.615	-0.15	-0.128	0.02
09-Aug-22	11.4199	-1.71	-1.688	2.85
10-Aug-22	11.372	-0.42	-0.398	0.16
11-Aug-22	11.5598	1.62	1.642	2.7



12-Aug-22	11.6652	0.9	0.922	0.85
13-Aug-22	11.7864	1.03	1.052	1.11
14-Aug-22	11.6061	-1.55	-1.528	2.33
15-Aug-22	11.792	1.58	1.602	2.57
16-Aug-22	12.0538	2.17	2.192	4.81
17-Aug-22	12.1578	0.86	0.882	0.78
18-Aug-22	12.542	3.06	3.082	9.5
19-Aug-22	12.5362	-0.05	-0.028	0
20-Aug-22	12.421	-0.93	-0.908	0.82
21-Aug-22	12.3895	-0.25	-0.228	0.05
22-Aug-22	12.352	-0.3	-0.278	0.08
23-Aug-22	12.3301	-0.18	-0.158	0.02
24-Aug-22	12.4077	0.63	0.652	0.43
25-Aug-22	12.8344	3.32	3.342	11.17
26-Aug-22	12.6513	-1.45	-1.428	2.04
27-Aug-22	12.4309	-1.77	-1.748	3.05
28-Aug-22	12.4041	-0.22	-0.198	0.04
29-Aug-22	12.3352	-0.56	-0.538	0.29
30-Aug-22	12.3289	-0.05	-0.028	0
31-Aug-22	12.239	-0.73	-0.708	0.5
01-Sep-22	11.9519	-2.4	-2.378	5.65
02-Sep-22		-0.022		93.98

$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

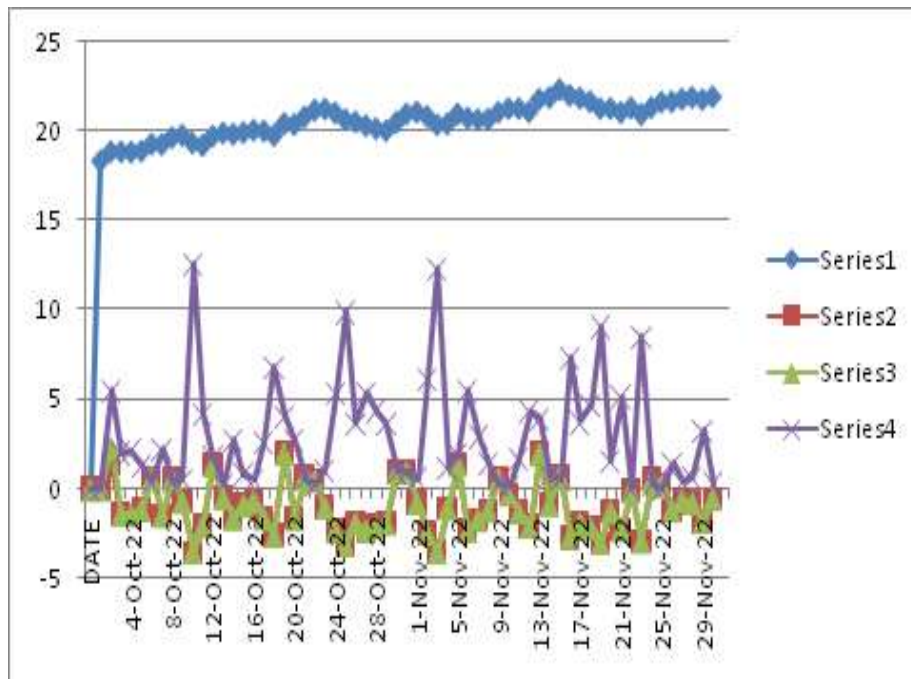
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{93.98}{61}} = 1.24$$

PARTICULARS	ICICI MUTUAL FUNDS
RISK	1.24
AVERAGE RETURN	-0.022

GRAPH:1A



**INTERPRETATION:**

The data suggests a 1.24 risk for ICICI MUTUAL FUNDS. Normal returns are -0.022 percent. The NAV is 12.14 on July 2, 2022. As of September 1st, 2022, the NAV is 11.95.

The result from above is a risk of the ICICI mutual funds are positive and the return is negative so the NAV is decrease.

**NAV AND RETURNS OF SBI MUTUAL FUNDS FOR THE MONTH OF 1<sup>ST</sup> OCTOBER-2022 TO 30<sup>TH</sup> DECEMBER-2022**

**TABLE:2**



DATE	NAV	RETURN	DEVIATION	DEVIATION2
01-Oct-22	12.135	1.5	1.41	1.99
02-Oct-22	12.353	1.77	1.68	2.82
03-Oct-22	12.335	-0.14	-0.23	0.05
04-Oct-22	12.308	-0.22	-0.31	0.1
05-Oct-22	12.338	0.24	0.15	0.02
06-Oct-22	12.434	0.77	0.68	0.46
07-Oct-22	12.433	-0.01	-0.1	0.01
08-Oct-22	12.543	0.87	0.78	0.61
09-Oct-22	12.55	0.06	-0.03	0
10-Oct-22	12.484	-0.53	-0.62	0.38
11-Oct-22	12.401	-0.67	-0.76	0.58
12-Oct-22	12.658	2.03	1.94	3.76
13-Oct-22	12.673	0.11	0.02	0
14-Oct-22	12.691	0.14	0.05	0
15-Oct-22	12.602	-0.71	-0.8	0.64
16-Oct-22	12.565	-0.29	-0.38	0.14
17-Oct-22	12.521	-0.35	-0.44	0.19
18-Oct-22	12.43	-0.73	-0.82	0.67
19-Oct-22	12.634	1.62	1.53	2.34
20-Oct-22	12.671	0.29	0.2	0.04
21-Oct-22	12.695	0.19	0.1	0.01
22-Oct-22	12.745	0.39	0.3	0.09
23-Oct-22	12.639	-0.84	-0.93	0.86
24-Oct-22	12.563	-0.6	-0.69	0.48
25-Oct-22	12.499	-0.51	-0.6	0.36
26-Oct-22	12.421	-0.63	-0.72	0.52
27-Oct-22	12.314	-0.86	-0.95	0.9
28-Oct-22	12.207	-0.87	-0.96	0.92
29-Oct-22	12.144	-0.52	-0.61	0.37
30-Oct-22	12.259	0.94	0.85	0.72
31-Oct-22	12.5	1.93	1.84	3.39
01-Nov-22	12.517	0.13	0.04	0
02-Nov-22	12.392	-1.01	-1.1	1.21
03-Nov-22	12.202	-1.55	-1.64	2.69
04-Nov-22	12.187	-0.13	-0.22	0.05
05-Nov-22	12.403	1.75	1.66	2.76
06-Nov-22	12.304	-0.8	-0.89	0.79
07-Nov-22	12.295	-0.08	-0.17	0.03
08-Nov-22	12.353	0.47	0.38	0.14
09-Nov-22	12.519	1.33	1.24	1.54
10-Nov-22	12.584	0.51	0.42	0.18

11-Nov-22	12.543	-0.32	-0.41	0.17
12-Nov-22	12.465	-0.63	-0.72	0.52
13-Nov-22	12.613	1.17	1.08	1.17
14-Nov-22	12.633	0.16	0.07	0
15-Nov-22	12.813	1.41	1.32	1.74
16-Nov-22	12.751	-0.49	-0.58	0.34
17-Nov-22	12.695	-0.44	-0.53	0.28
18-Nov-22	12.583	-0.89	-0.98	0.96
19-Nov-22	12.47	-0.91	-1	1
20-Nov-22	12.429	-0.33	-0.42	0.18
21-Nov-22	12.407	-0.18	-0.27	0.07
22-Nov-22	12.535	1.03	0.94	0.88
23-Nov-22	12.461	-0.59	-0.68	0.46
24-Nov-22	12.639	1.41	1.32	1.74
25-Nov-22	12.66	0.17	0.08	0.01
26-Nov-22	12.618	-0.33	-0.42	0.18
27-Nov-22	12.622	0.03	-0.06	0
28-Nov-22	12.686	0.51	0.42	0.18
29-Nov-22	12.64	-0.37	-0.46	0.21
30-Nov-22		0.09		42.92



$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

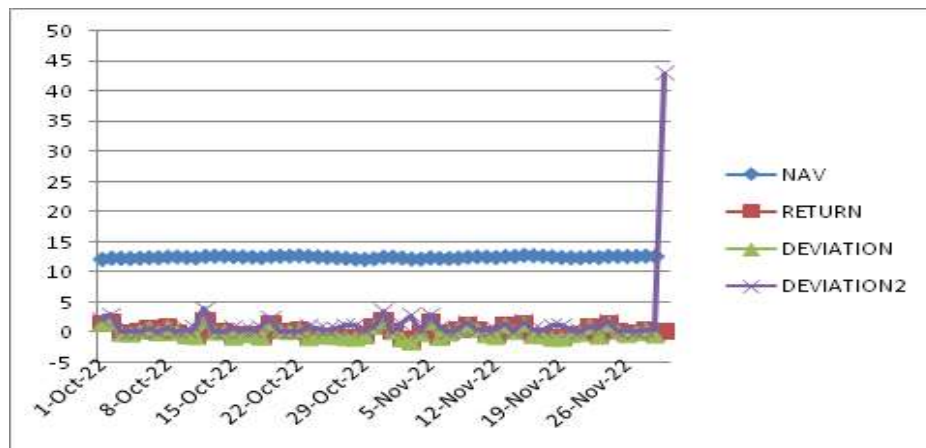
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{42.92}{61}} = 0.84$$

PARTICULRS	SBI MUTUAL FUNDS
RISK	0.84
AVERAGE RETURN	0.99

#### GRAPH:2B



#### INTERPRETATION:

The average returns and average levels of risk for mutual funds are displayed in the table above. The riskiness rating for SBI MUTUAL FUNDS is 0.84. Generally speaking, returns are around 1%. The NAVs of October 1, 2022 is \$12.13. There will be a NAV value of \$12.64 on September29, 2022.

The result from the above is that risk and average return of SBI mutual funds that shows return is higher than the risk so NAV is positive from the month of September to October.

### NAV AND RETURNS OF SBI MUTUAL FUNDS -FOR THE MONTH OF 1<sup>ST</sup> JANUARY- 2022 TO 30<sup>TH</sup> MARCH-2022-TABLE:3

DATE	NAV	RETURN	DEVIATION	DEVIATION2
01-Jan-22	12.6643	-0.01	-0.09	0.01
02-Jan-22	12.5181	-1.17	-1.25	1.57
03-Jan-22	12.4981	-0.16	-0.24	0.06
04-Jan-22	12.4712	-0.22	-0.3	0.09
05-Jan-22	12.4138	-0.46	-0.54	0.3
06-Jan-22	12.4345	0.17	0.09	0.01
07-Jan-22	12.4241	-0.08	-0.16	0.03
08-Jan-22	12.4228	-0.01	-0.09	0.01
09-Jan-22	12.5986	1.4	1.32	1.73
10-Jan-22	12.6879	0.7	0.62	0.38
11-Jan-22	12.6896	0.01	-0.07	0.01
12-Jan-22	12.5882	-0.81	-0.89	0.8
13-Jan-22	12.6599	0.57	0.49	0.24
14-Jan-22	12.6691	0.07	-0.01	0
15-Jan-22	12.7102	0.32	0.24	0.06
16-Jan-22	12.7316	0.17	0.09	0.01
17-Jan-22	12.5905	-1.12	-1.2	1.45
18-Jan-22	12.3604	-1.86	-1.94	3.78
19-Jan-22	12.3395	-0.17	-0.25	0.06
20-Jan-22	12.331	-0.07	-0.15	0.02
21-Jan-22	12.232	-0.81	-0.89	0.8
22-Jan-22	12.2628	0.25	0.17	0.03
23-Jan-22	12.1333	-1.07	-1.15	1.33
24-Jan-22	12.1333	0	-0.08	0.01
25-Jan-22	12.1668	0.28	0.2	0.04
26-Jan-22	12.1925	0.21	0.13	0.02
27-Jan-22	12.2247	0.26	0.18	0.03
28-Jan-22	12.2155	-0.08	-0.16	0.03
29-Jan-22	12.2254	0.08	0	0
30-Jan-22	12.2638	0.31	0.23	0.05
31-Jan-22	12.1149	-1.23	-1.31	1.73
01-Feb-22	12.2	0.7	0.62	0.38
02-Feb-22	12.2441	0.36	0.28	0.08
03-Feb-22	12.3311	0.71	0.63	0.39
04-Feb-22	12.2808	-0.41	-0.49	0.24
05-Feb-22	12.3859	0.85	0.77	0.59
06-Feb-22	12.4309	0.36	0.28	0.08
07-Feb-22	12.453	0.18	0.1	0.01
08-Feb-22	12.5177	0.52	0.44	0.19
09-Feb-22	12.5702	0.42	0.34	0.11
10-Feb-22	12.4726	-0.78	-0.86	0.75

11-Feb-22	12.6192	1.16	1.08	1.16
12-Feb-22	12.6735	0.43	0.35	0.12
13-Feb-22	12.8127	1.09	1.01	1.01
14-Feb-22	13.0299	1.67	1.59	2.52
15-Feb-22	13.0565	0.2	0.12	0.01
16-Feb-22	13.0188	-0.29	-0.37	0.14
17-Feb-22	13.0198	0.01	-0.07	0.01
18-Feb-22	12.9779	-0.32	-0.4	0.16
19-Feb-22	13.004	0.2	0.12	0.01
20-Feb-22	13.0521	0.37	0.29	0.08
21-Feb-22	13.0501	-0.02	-0.1	0.01
22-Feb-22	12.9679	-0.63	-0.71	0.51
23-Feb-22	13.0003	0.25	0.17	0.03
24-Feb-22	13.1559	1.18	1.1	1.2
25-Feb-22	13.1616	0.04	-0.04	0
26-Feb-22	13.1791	0.13	0.05	0
27-Feb-22	13.2308	0.39	0.31	0.09
28-Feb-22	13.3274	0.72	0.64	0.4
01-Mar-22		0.08		24.95

$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

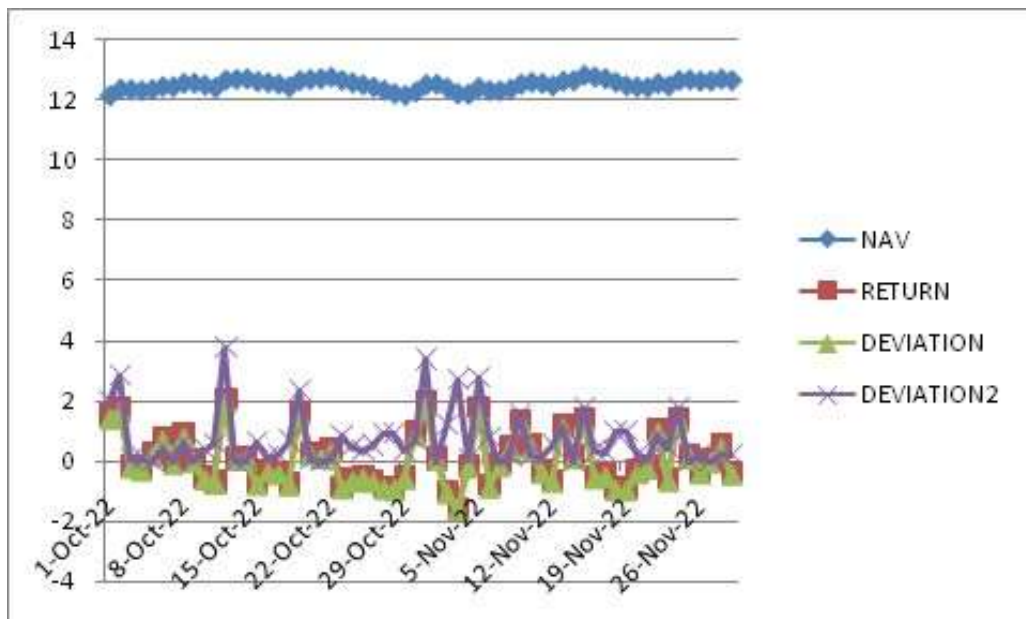
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{24.95}{61}} = 0.64$$

PARTICULARS	SBI MUTUAL FUNDS
RISK	0.64
AVERAGE RISK	0.08

**GRAPH:3C**



**INTERPRETATION:**

Risk and return for mutual funds are summarized in the table below. The beta for SBI MUTUAL FUNDS is 0.64%. An average of 0.08 is the return. The NAV is \$12.66 as of today, January 1, 2022. The current NAV as of February 28th, 2022 is 13.32.

The result from the above is risk and return of SBI mutual funds is more higher than the risk so the NAV is positive in the month of January 2022 to February 2022.

## NAV AND RETURNS OF AXIS MUTUAL FUNDS

03-May-22	14.1783	0.81	0.67	0.45
04-May-22	14.1622	-0.11	-0.25	0.06
05-May-22	14.1135	-0.35	-0.49	0.24
06-May-22	14.1325	0.13	-0.01	0
07-May-22	14.0118	-0.86	-1	1
08-May-22	14.0035	-0.06	-0.2	0.04
09-May-22	14.1771	1.22	1.08	1.17
10-May-22	14.2444	0.47	0.33	0.11
11-May-22	14.2329	-0.08	-0.22	0.05
12-May-22	14.3248	0.64	0.5	0.25
13-May-22	14.4638	0.96	0.82	0.67
14-May-22	14.5635	0.68	0.54	0.29
15-May-22	14.5605	-0.02	-0.16	0.03
16-May-22	14.5225	-0.26	-0.4	0.16
17-May-22	14.5545	0.22	0.08	0.01
18-May-22	14.4146	-0.97	-1.11	1.23
19-May-22	14.4086	-0.04	-0.18	0.03
20-May-22	14.5379	0.89	0.75	0.56
21-May-22	14.4376	-0.69	-0.83	0.69
22-May-22	14.4162	-0.15	-0.29	0.08
23-May-22	14.3727	-0.3	-0.44	0.19
24-May-22	14.345	-0.19	-0.33	0.11
25-May-22	14.4413	0.67	0.53	0.28
26-May-22	14.4299	-0.08	-0.22	0.05
27-May-22	14.3436	-0.6	-0.74	0.55
28-May-22	14.3614	0.12	-0.02	0
29-May-22	14.4772	0.8	0.66	0.44
30-May-22		0.14		22.68

## FOR THE MONTH OF 2<sup>ND</sup> APRIL- 2022 TO 30<sup>TH</sup> JUNE-2022 TABLE:4

DATE	NAV	RETURN	DEVIATION	DEVIATION2
02-Apr-22	13.4166	0.66	0.52	0.27
03-Apr-22	13.3877	-0.22	-0.36	0.13
04-Apr-22	13.3242	-0.48	-0.62	0.38
05-Apr-22	13.3172	-0.05	-0.19	0.04
06-Apr-22	13.5048	1.39	1.25	1.56
07-Apr-22	13.4917	-0.1	-0.24	0.06
08-Apr-22	13.4626	-0.22	-0.36	0.13
09-Apr-22	13.372	-0.68	-0.82	0.67
10-Apr-22	13.2789	-0.7	-0.84	0.71
11-Apr-22	13.4292	1.12	0.98	0.96
12-Apr-22	13.4832	0.4	0.26	0.07
13-Apr-22	13.5084	0.19	0.05	0
14-Apr-22	13.5506	0.31	0.17	0.03
15-Apr-22	13.4582	-0.69	-0.83	0.69
16-Apr-22	13.4283	-0.22	-0.36	0.13
17-Apr-22	13.356	-0.54	-0.68	0.46
18-Apr-22	13.323	-0.25	-0.39	0.15
19-Apr-22	13.325	0.02	-0.12	0.01
20-Apr-22	13.3349	0.07	-0.07	0
21-Apr-22	13.3567	0.16	0.02	0
22-Apr-22	13.2328	-0.94	-1.08	1.17
23-Apr-22	13.2538	0.16	0.02	0
24-Apr-22	13.5164	1.94	1.8	3.24
25-Apr-22	13.7229	1.5	1.36	1.85
26-Apr-22	13.8455	0.89	0.75	0.56
27-Apr-22	13.8653	0.14	0	0
28-Apr-22	13.9484	0.6	0.46	0.21
29-Apr-22	14.0479	0.71	0.57	0.32
30-Apr-22	14.0624	0.1	-0.04	0
01-May-22	14.0332	-0.21	-0.35	0.12
02-May-22	14.0634	0.21	0.07	0

$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

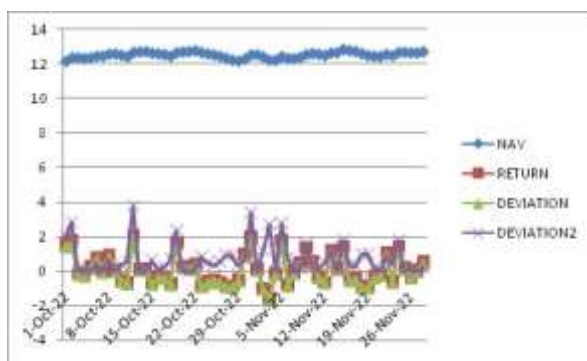
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{22.68}{61}} = 0.61$$

<b>PARTICULARS</b>	<b>AXIS MUTUAL FUND</b>
<b>RISK</b>	0.61
<b>AVERAGE RETURN</b>	0.14

#### GRAPH:4D



#### INTERPRETATION:

The fund's potential for loss and gain has been laid out in the table above. The beta for AXIS MUTUAL FUNDS is 0.61. A return of 0.14 percent is considered the norm. On April 2, 2022, the NAV is 13.41 and on June 30, 2022, it rises to 14.47.

The result from the above potential for loss and gain of AXIS mutual funds the risk is higher than the return so the NAV is positive in the month of April 2022 to June 2022.



**PRUDENTIAL BANKING AND FINANCIAL SERVICES FUND-DIRECT PLAN-DIVIDEND  
FOR THE MONTH OF 1<sup>ST</sup> JULY-2022 TO 30<sup>TH</sup> SEP-2022**
**TABLE:5**

DATE	NAV	RETURN	DIVIATION	DIVIATION2
01-Jul-22	20.94	0	0	0
02-Jul-22	20.94	-1.6	-1.92	3.68
03-Jul-22	20.56	-3.38	-3.7	13.72
04-Jul-22	20.62	-1.34	-1.66	2.75
05-Jul-22	20.77	-0.91	-1.23	1.5
06-Jul-22	20.51	-2.84	-3.16	10
07-Jul-22	20.84	-0.05	-0.37	0.14
08-Jul-22	20.68	-2.31	-2.63	6.94
09-Jul-22	21.01	0	-0.32	0.1
10-Jul-22	21.08	-1.26	-1.58	2.51
11-Jul-22	21.18	-1.12	-1.44	2.07
12-Jul-22	20.48	-4.83	-5.15	26.55
13-Jul-22	20.01	-3.84	-4.16	17.34
14-Jul-22	20.26	-0.34	-0.66	0.44
15-Jul-22	20.01	-2.77	-3.09	9.55
16-Jul-22	20.16	-0.84	-1.16	1.34
17-Jul-22	20.38	-0.49	-0.81	0.65
18-Jul-22	19.62	-5.26	-5.58	31.17
19-Jul-22	19.38	-2.76	-3.08	9.48
20-Jul-22	19.1	-3	-3.32	11
21-Jul-22	18.82	-2.99	-3.31	10.95
22-Jul-22	18.62	-2.56	-2.88	8.32
23-Jul-22	18.43	-2.54	-2.86	8.17
24-Jul-22	18.44	-1.5	-1.82	3.3
25-Jul-22	18.27	-2.46	-2.78	7.71
26-Jul-22	18.47	-0.48	-0.8	0.65
27-Jul-22	17.78	-5.22	-5.54	30.73
28-Jul-22	17.91	-0.83	-1.15	1.32
29-Jul-22	17.99	-1.1	-1.42	2.01
30-Jul-22	17.93	-1.86	-2.18	4.76
31-Jul-22	18.24	0.16	-0.16	0.02
01-Aug-22	18.3	-1.19	-1.51	2.27
02-Aug-22	17.57	-5.44	-5.76	33.13
03-Aug-22	17.1	-4.15	-4.47	19.96
04-Aug-22	17.15	-1.21	-1.53	2.34
05-Aug-22	17.1	-1.84	-2.16	4.65
06-Aug-22	17.07	-1.73	-2.05	4.19
07-Aug-22	17.35	0.12	-0.2	0.04
08-Aug-22	17.37	-1.36	-1.68	2.83
09-Aug-22	16.59	-5.95	-6.27	39.34
10-Aug-22	16.35	-2.91	-3.23	10.43

11-Aug-22	16.58	-0.06	-0.38	0.14
12-Aug-22	16.82	-0.06	-0.38	0.14
13-Aug-22	17.01	-0.41	-0.73	0.53
14-Aug-22	16.37	-5.16	-5.48	29.99
15-Aug-22	16.59	-0.12	-0.44	0.19
16-Aug-22	17.68	4.99	4.67	21.79
17-Aug-22	18.03	0.5	0.18	0.03
18-Aug-22	18.37	0.38	0.06	0
19-Aug-22	18.76	0.64	0.32	0.1
20-Aug-22	18.45	-3.05	-3.37	11.34
21-Aug-22	18.55	-0.91	-1.23	1.51
22-Aug-22	18.76	-0.32	-0.64	0.41
23-Aug-22	18.61	-2.21	-2.53	6.39
24-Aug-22	18.8	-0.42	-0.74	0.55
25-Aug-22	19.97	4.72	4.4	19.36
26-Aug-22	19.13	-5.58	-5.9	34.78
27-Aug-22	18.6	-4.17	-4.49	20.19
28-Aug-22	18.61	-1.38	-1.7	2.88
29-Aug-22	18.53	-1.85	-2.17	4.73
30-Aug-22	18.58	-1.12	-1.44	2.07
31-Aug-22	18.35	-2.65	-2.97	8.84
01-Sep-22	18.11	-2.69	-3.01	9.04
02-Sep-22		-1.7		523.05

$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

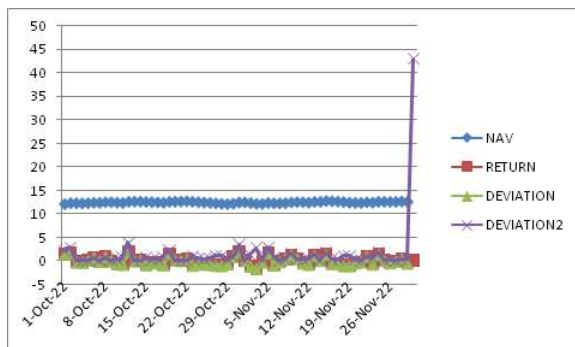
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{523.05}{61}} = 2.93$$

PARTICULARS	ICICI PRUDENTIAL
RISK	2.93
AVERAGE RETURN	-1.7

**GRAPH:5E**



**INTERPRETATION:**

Given the foregoing, the risk associated with ICICI MUTUAL FUNDS is

2.93. On average, returns fall short of expenses by 1.7%. The NAV for July 1, 2022, is 20.94, and the NAV for September 30, 2022, is 18.11.

The result from the above is risk and return of ICICI mutual funds the risk is less than the return so the NAV is negative in the month of July 2022 to September 2022.

**ICICI PRUDENTIAL BANKING AND FINANCIAL SERVICES FUND-DIRECT PLAN-  
DIVIDEND FOR THE MONTH OF 1<sup>ST</sup> OCT2022 TO 31<sup>TH</sup> DEC2022**
**TABLE:6**

DATE	NAV	RETURN	DEVIATION	DIVIATION2
01-Oct-22	18.34	0	0	0
02-Oct-22	18.86	1.34	2.33	5.44
03-Oct-22	18.86	-1.41	-1.41	1.99
04-Oct-22	18.84	-1.46	-1.46	2.13
05-Oct-22	18.89	-1.15	-1.15	1.32
06-Oct-22	19.28	0.63	0.63	0.4
07-Oct-22	19.26	-1.48	-1.48	2.19
08-Oct-22	19.65	0.61	0.61	0.37
09-Oct-22	19.78	-0.7	-0.7	0.49
10-Oct-22	19.35	-3.54	-3.54	12.53
11-Oct-22	19.21	-2.04	-2.04	4.16
12-Oct-22	19.73	1.34	1.34	1.8
13-Oct-22	19.9	-0.5	-0.5	0.25
14-Oct-22	19.84	-1.64	-1.64	2.69
15-Oct-22	19.93	-0.9	-0.9	0.81
16-Oct-22	20.06	-0.69	-0.69	0.48
17-Oct-22	20.01	-1.62	-1.62	2.62
18-Oct-22	19.76	-2.61	-2.61	6.81
19-Oct-22	20.43	2	2	4
20-Oct-22	20.37	-1.64	-1.64	2.69
21-Oct-22	20.8	0.73	0.73	0.53
22-Oct-22	21.18	0.47	0.47	0.22
23-Oct-22	21.24	-1.03	-1.03	1.06
24-Oct-22	21.03	-2.32	-2.32	5.38
25-Oct-22	20.64	-3.14	-3.14	9.86
26-Oct-22	20.52	-1.91	-1.91	3.65
27-Oct-22	20.31	-2.31	-2.31	5.34
28-Oct-22	20.15	-2.09	-2.09	4.37
29-Oct-22	20.03	-1.91	-1.91	3.65
30-Oct-22	20.5	0.99	0.99	0.98
31-Oct-22	20.97	0.96	0.96	0.92
01-Nov-22	21.08	-0.75	-0.75	0.56
02-Nov-22	20.83	-2.48	-2.48	6.15
03-Nov-22	20.36	-3.51	-3.51	12.32
04-Nov-22	20.41	-1.07	-1.07	1.14
05-Nov-22	20.96	1.4	1.4	1.96
06-Nov-22	20.74	-2.35	-2.35	5.52
07-Nov-22	20.65	-1.71	-1.71	2.92
08-Nov-22	20.67	-1.2	-1.2	1.44
09-Nov-22	21.06	0.57	0.57	0.32
10-Nov-22	21.27	-0.28	-0.28	0.08

11-Nov-22	21.27	-1.3	-1.3	1.69
12-Nov-22	21.09	-2.09	-2.09	4.37
13-Nov-22	21.79	1.97	1.97	3.88
14-Nov-22	21.88	-0.86	-0.86	0.74
15-Nov-22	22.32	0.72	0.72	0.52
16-Nov-22	22	-2.7	-2.7	7.29
17-Nov-22	21.85	-1.93	-1.93	3.72
18-Nov-22	21.65	-2.17	-2.17	4.71
19-Nov-22	21.27	-3.01	-3.01	9.06
20-Nov-22	21.27	-1.25	-1.25	1.56
21-Nov-22	21.05	-2.27	-2.27	5.15
22-Nov-20	21.3	-0.09	-0.09	0.01
23-Nov-22	20.94	-2.92	-2.92	8.53
24-Nov-22	21.32	0.52	0.52	0.27
25-Nov-22	21.63	0.19	0.19	0.04
26-Nov-22	21.65	-1.19	-1.19	1.42
27-Nov-22	21.79	-0.64	-0.64	0.41
28-Nov-22	21.89	-0.77	-0.77	0.59
29-Nov-22	21.77	-1.8	-1.8	3.24
30-Nov-22	21.92	-0.54	-0.54	0.29

$$\text{Return} = \frac{\text{Price day price} - \text{Previous day price}}{\text{Previous day price}} \times 100$$

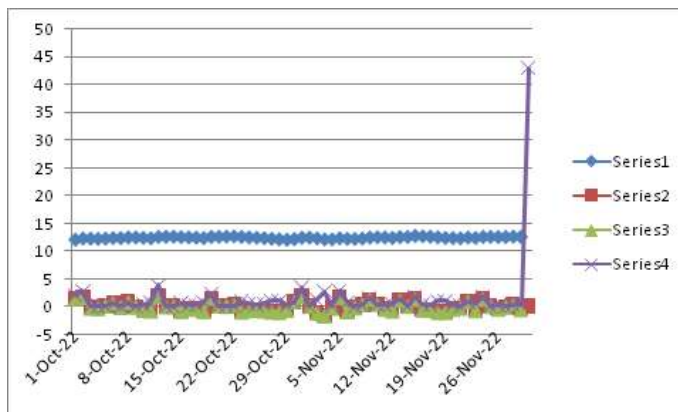
$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}}$$

$$\text{Deviation} = \text{Return} - \text{Average Return}$$

$$\text{Risk} = \sqrt{\frac{\sum \text{Deviation}^2}{n}} = \sqrt{\frac{179.03}{61}} = 1.71$$

PARTICULARS	ICICI PRUDENTIAL BANKING MUTUAL FUND
RISK	1.71
AVERAGE RETURN	-0.54

**GRAPH:6F**



**INTERPRETATION:**

The fund's potential for loss and gain has been laid out in the table above. The average return for ICICI Mutual Funds is -0.99 percent, and the average risk is 1.71 percent. On October 1st, the NAV is 18.34 and on November 30th, it is 21.92

The result from the above is loss and gain of ICICI mutual funds the risk is higher than the return so the NAV is negative in the month of October 2022 to December 2022.

## FINDINGS

- The risk associated with ICICI Mutual Funds is 1.24, as shown in the above table. In most cases, the ROI is negative 0.02. In 2022-07-02, the NAV is \$12.14. The NAV is 11.95 as of September 1st, 2022.
- The result from above is a risk of the ICICI mutual funds are positive and the return is negative so the NAV is decrease.
- The table above displays the average yield and risk of mutual funds. For SBI MUTUAL FUNDS, the risk quotient is 0.84. The typical profit is \$0.09. The NAV is \$12.13 as of October 1, 2022. The Net Asset Value (NAV) on September 29, 2022 is \$12.64.
- The result from the above is that risk and average return of SBI mutual funds that shows return is higher than the risk so NAV is positive from the month of September to October.
- In the table above, you can see the typical risk and return of mutual funds. SBI MUTUAL FUNDS has a risk factor of 0.64%. A 0.08 on average is the return. The NAV as of January 1, 2022 is \$12.66. The current NAV as of February 28th, 2022 is 13.32.
- The result from the above is risk and return of SBI mutual funds is more higher than the risk so the NAV is positive in the month of January 2022 to February 2022.
- The table above details the fund's potential losses and gains. AXIS MUTUAL FUNDS has a risk rating of 0.61. The median rate of return is 0.14 percent. The NAV is \$13.41 on April 2, 2022. There will be a NAV of \$14.47 on June 30, 2022.
- The result from the above potential for loss and gain of AXIS mutual funds the risk is higher than the return so the NAV is positive in the month of April 2022 to June 2022.
- The following table reveals that ICICI MUTUAL FUNDS is 2.93 on the risk scale. On average, returns fall short of expenses by 1.7%. The NAV is \$20.94 as of July 1st, 2022. The table below details the fund's potential losses and gains. Value at Risk (NAV) is 18.11 on September 30, 2022. ICICI MUTUAL FUNDS has a risk rating of 1.71. In general, people lose 0.99% on average. The NAV is 18.34 on October 1, 2022. The NAV as of December 31, 2022 is \$21.92.
- The result from the above is loss and gain of ICICI mutual funds the risk is higher than the return so the NAV is negative in the month of October 2022 to December 2022.

## SUGGESTIONS

- To achieve the financial goals through mutual fund investing and need a professional investment plan modify.
- Those looking to invest should familiarize themselves with mutual funds. Before committing capital, investors should investigate a mutual fund's track record.
- ICICI mutual funds carry a bigger potential loss than gain. Investors should check the mutual funds' performance history and evaluate it relative to similar funds Verify that your funds are secure.
- Determine if there is an increase or decrease in the NAV amount.
- As a result, AXIS mutual fund shareholders can expect a higher rate of return on their investments.
- Pick the mutual funds with the highest return and lowest risk Check the profit and loss statement and see if anything has changed. Put your money into mutual funds that provide excellent returns for even a little initial investment.

## CONCLUSIONS

- According to the data, the SBI Mutual Fund



is competitive with the top Equity Funds. ZEN Securities Fund's growth bets are likely to succeed. When compared to other, similar funds, the ZEN SECURITIES Fund - Growth performed quite well.

- Sharing the advantages of mutual funds with those who might be willing to spend is crucial.
- This study needs to be transparency between the field's management and the objectives of investors.
- Mutual fund investments have increased by 100 percent as the multinational corporation AMCS prepares to enter the Indian market.
- This study may use rural areas as an analogy for mutual funds.

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