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COMPARATIVE ANALYSIS ON PERFORMANCE OF MUTUAL FUNDS BETWEEN PRIVATE AND PUBLIC SECTORS

JAYALAKSHMI.A

Department of MBA Sathyabama institute of science and technology,

Chennai, India.

Y.AYSHA FATHIMA

Faculty of management studies, sathyabama institute of science and technology, Chennai, India.

ABSTRACT

A mutual fund may be a scheme during which several people invest their money for a standard financial cause. The collected money invests within the capital market and therefore the money, which they earned, is split supported the number of units, which they hold. The open-end fund industry started in India during a small way with the UTI Act creating what was effectively a little savings division within the RBI. Over a period of 25 years this grew fairly successfully and gave investors an honest return, and thus in 1989, because the next logical step, public sector banks and financial institutions were allowed to float mutual funds and their success emboldened the govt to permit the private sector to raid this area. The advantages of open-end fund are professional management, diversification, and economies of scale, simplicity, and liquidity. The disadvantages of open-end fund are high costs, over-diversification, possible tax consequences, and therefore the inability of management to ensure a superior return. In mutual fund, analysed with standard deviation, sharpe ratio, beta to analyse the growth return .Mutual funds are easy to buy and sell. You can either buy them directly from the fund company or through a 3rd party. Before investing in any funds, one should consider some factor like objective, risk, Fund and scheme, etc. There are many, many types of mutual funds. You can classify funds-based Structure (open-ended & close-ended), Nature (equity, debt, balanced), Investment objective (growth, income, money market) etc.

KEY WORDS

Mutual fund redemption, risk return , sharpe ratio, growth

INTRODUCTION:

The first introduction of a fund in Bharat occurred in 1963, once the govt. of India India Republic of Bharat Bharath Asian country Asian nation launched unit investment trust of India (UTI). Until 1987, UTI enjoyed a monopoly within the Indian fund market. Then a bunch of different government-controlled Indian monetary firms came up with their own funds. These enclosed banking concern of Bharat, geographic area Bank, and geographic area full service bank. This market was created hospitable non-public players in 1993, as a results of the historic constitutional amendments brought forward by the then Congress-led government beneath the present regime of relief, Privatization and economic process (LPG). the primary non-public sector fund to work in Bharat was Kothari Pioneer, that later united with Franklin Templeton. A fund may be a common pool of cash into that investors place their contributions that square measure to be endowed in accordance with a declared objective. The possession of the fund is therefore joint or "mutual"; the fund belongs to any or all investors. one investor's possession of the fund is within the same proportion because the quantity of the contribution created by him or her bears to the overall quantity of the fund.

Mutual Funds square measure trusts, that settle for savings from investors and invest identical in heterogeneous monetary instruments in terms of objectives taken off within the trusts deed with the read to scale back the danger and maximize the financial gain and capital appreciation for distribution for the members. A fund may be a corporation and therefore the fund manager's interest is to professionally manage the funds provided by the investors and supply a come on them once deducting cheap management fees. "A fund is associate investment that pools your cash with the cash of an infinite range of different investors. In return, you and therefore the different investors every own shares of the fund. The fund's assets square measure endowed in step with associate investment objective into the fund's portfolio of investments. Aggressive growth funds get semipermanent capital growth by investment primarily in stocks of aggressive smaller firms or market segments. Aggressive growth funds are referred to as capital appreciation funds".

1.1 NEED FOR THE STUDY:

- The main purpose of doing this project to know about mutual fund and its functioning. This helps to know the detail of mutual funds industry from its inception stage, growth and future prospects.
- It also helps in understanding different schemes of mutual funds, because my study is based on comparative analysis on private and public sectors.
- Mutual fund is one of the most desirable investments for small investors because they offer the opportunity to invest in relatively low-cost, diverse and professionally managed investments.
- The recent trend in the mutual fund industry is the active expansion of foreign investment fund companies and the reduction of state-owned banks and small private companies. The growth and development of various investment fund products in Indian capital markets has proven to be one of the most catalytic tools to promote capital market growth.

1.2 OBJECTIVES FOR THE STUDY :

Primary objectives:

- To analyse the growth and progress of the Mutual Funds in India
- To analyse the relative performance of the select Mutual Funds

Secondary objectives:

- To assess the difference in the performance of the select schemes across the public and private sector funds.
- To compare the performance of public and private sector mutual funds in India.
- To analyse perception of investors towards mutual funds.

SCOPE FOR THE STUDY :

Mutual fund is a very wide area in the investment and it is not an easy task to cover all aspect in the mutual fund schemes, of all those schemes researcher intends to undertake only Technology fund as a whole to know the performance, whether it is outperforming or underperforming .Thus, the study covers the Indian scenario of mutual funds in terms of gross mobilization,over the study period and performance evaluation of selected companies. Year-wise analysis of mutual fund in India has been made.

LIMITATIONS OF STUDY:

- The study confined only public and private sector mutual funds in India.
- The study is covers only from 2017-2021.
- The study is based only the secondary sources of information.
- A symmetry problem of timing for getting equal times results of mutual funds was the main problem.
- The study covers only the two aspect i. e. gross mobilization of funds and return of mutual funds in India.

REVIEW OF LITERATURE

Sarkar (1991): analyzed common asset execution assessment philosophy and brought up that Sharpe and Treynor's exhibition estimates rank common supports comparatively on execution inspite of their disparities in approach.

Thiripalraju (1997):He investigated that the exhibition of private area reserves. They aggregated and broke down the month to month normal return and standard deviation of 10 chose private area reserves. The examination uncovered that regarding the pace of return, 5 assets viz., Partnership 95, ICICI Force, Kothari Prima, Kothari Pioneer Blue Chip and Morgan Stanley Development Asset beat the market, during the time of correlation. The examination likewise showed that, all things considered, execution of an asset isn't firmly connected with its size.

Plantinga and Groot (2001): look at how much execution measures can be utilized as options for inclination capacities. The examination comprised of Sharpe proportion, Sharpe's alpha, the normal return measure, the Fouse record, the Sortino proportion and the potential gain likely proportion. It was tracked down that the initial three measures compare to the tendencies of financial backers with a low level of hazard avoidance, while the last three estimates match to the inclinations of financial backers with medium and high levels of hazard avoidance. Along these lines, the decision of the reasonable presentation measure ought to be controlled by the inclination capacity of the financial backer.

Fama and French(2008):He tracked down that common asset produces portfolio closes to the market portfolio yet with significant expense of dynamic administration that appears unblemished as lower return.

Debasish (2009) :considered the exhibition of chose plans of shared supports dependent on danger and return models and measures.The study covered the time frame from April 1996 to Walk 2005 (nine years).The study uncovered that Franklin Templeton and UTI were the best entertainers and Birla Sun Life, HDFC and LIC common assets showed terrible showing.

Sathya Swaroop Debashish (2009) :estimated the presentation of value based common assets in India. There was an investigation of 23 plans over a time of April 1996 to Walk 2009 (13 years) utilizing different danger changed measures. The outcomes show that UTI, Franklin Templeton, Prudential ICICI (in private area) and SBI have outplayed out the market portfolio with positive qualities, while Birla SunLife, HDFC and LIC common assets showed a poor less than ideal execution when estimated against the danger return relationship models and measures.

Anitha (2011):Says the exhibition of private and public area common assets for a time of two years (2005-2007). Chosen reserves were considered utilizing Factual estimates like Mean, Fluctuation, Co-difference and Standard Deviation. The presentation of the multitude of chose reserves has displayed instability during time of study driving it to a troublesome circumstance to dole out one specific asset that would outflank the others reliably.

Garg(2011): Inspected the exhibition of top ten shared supports that was chosen based on earlier years return. The examination investigated the presentation based on return, standard deviation, beta just as Treynor, Jensen and Sharpe files. The investigation likewise utilized Carhart's four-factor model for break down the presentation of shared assets. The outcomes uncovered that Dependence Customary Saving Plan Asset had accomplished the most elevated last score and Canara accomplished the least last score in the one year class.

Patel and Prajapati (2012): assessed the presentation of common assets in India utilizing relative execution lists, Treynor's and Sharpe's proportion, hazard return investigation, Jensen's action, and Fama's action and reasoned that the vast majority of the shared assets have given positive return during the time of study

Dhanda and et al (2012):Studied the "Execution Assessment of Chose Open Finished Shared Assets in India" and assessed the exhibition of chose open finished plans as far as danger and bring relationship back. For this pace of return technique, Beta, Standard Deviation, Sharpe proportion and Treynor proportion were utilized. has been utilized as a benchmark to consider the presentation of common assets in India.

RESEARCH METHODOLOGY:

Two shared assets viz. public area common assets and private area shared assets have been chosen with the end goal of this investigation. Both the common assets in their individual business are assuming the essential part in the Indian economy. The examination depends on the optional wellsprings of data which is gathered from the different related truth books along with the AMFI, SEBI, distributed yearly reports, manuals and other office records. Altering, arrangement and organization of the monetary information which has been gathered Analysis of return between the Public and Private Sector Mutual Funds 61 from the previously mentioned sources have been done according to the prerequisite of the examination. To investigate the gathered information of both the classifications of assets, mean, rate and connection coefficient have been applied. To quantify the degree of distinction between different boundaries of study in regards to common assets with their unique reference to activation of asset, repurchase/reclamation, combined net resources position, net in/out progression of the two areas of shared supports industry i.e., private area common assets and public area shared assets, they will be worked out as a level of the distinction of the estimation of the factors among public and private area shared assets as proportion of total esteem. The motivation behind the development is to see whether the hole between two areas is changing over time of study (2017-2021). It is appropriate to give graphical introduction of the changing example in the hole, to have and thought regarding the variances in hole. The examination through return is considered as a non-parametric strategy and progressed factual methods are not thought of suitable as hole between two arrangements of common assets (public and private), on the factors are required to be very enormous.

SAMPLING PLAN:

The selection of the sample from the total mutual fund sectors from public sector and private sector is discussed with growth of return.

SOURCES OF DATA:

The study is based on secondary data. The data was collected by SEBI hand books ,amfindia.com ,journals and publications.

ANALYSIS OF MUTUAL FUND:

Mutual fund performance can be analyzed through performance measurement ratios which are use in portfolio analysis. We here are using Treynor, Sharpe, and Jensen ratio to evaluate mutual funds and rank accordingly. Composite portfolio performance measures have the flexibility of combining risk and return performance into a single value. The most commonly used composite measures are Sharpe measures. While, the measures only the systematic risk summarized Sharpe concentrates on total risk of the mutual fund.

GROSS MOBILIZATION BETWEEN PRIVATE AND PUBLIC SECTOR:

Years	**Public sector**	**Private sector**
2017-2018	6,336,774.07	1,459,185.49
2018-2019	6,160,190.54	1,391,280.67
2019-2020	176,583.53	67,904.81
2020-2021	2,621,838.42	542,275.30
Total in %	82.86%	17.14%

ANALYSING THE AVERAGE IN PRIVATE SECTOR

NAME OF THE MUTUAL FUND	**2018-2019**	**2019-2020**	**2020-2021**	**AVERAGE**
Aditya birla sun life mutual fund	-2.89	7.64	47.07	17.2733
Axis mutual fund	6.51	18.57	33.66	19.58
HDFC mutual fund	0.13	7.70	50.93	19.58667
Kotak mutual fund	-2.09	14.20	49.77	20.62667
Nippon India mutual fund	-0.20	7.25	45.04	17.36333

Sources: taken from amfindia.in

ANALYSING THE AVERAGE IN PUBLIC SECTOR

NAME OF THE MUTUAL FUND	2018-2019	2019-2020	2020-2021	AVERAGE
SBI mutual fund	-4.09	11.64	52.19	19.91333
UTI mutual fund	-0.39	11.56	46.10	19.09
LIC mutual fund	0.71	14.99	31.26	15.65333
IDBI mutual fund	-5.88	12.71	44.09	16.97333
Baroda mutual fund	-3.86	12.10	44.55	17.59667

Sources: taken from amfindia.com

ANALYSIS ON STANDARD DEVIATION

NAME OF THE MUTUAL FUND	2018-2019	2019-2020	2020-2021	AVERAGE	TOTAL	STANDARD DEVIATION
Aditya birla sun life	-2.89	7.64	47.07	17.273	51.82	4.15
Axis	6.51	18.57	33.66	19.58	58.74	4.42
HDFC	0.13	7.7	50.93	19.587	58.76	4.42
Kotak	-2.09	14.2	49.77	20.627	61.88	4.54
Nippon India	-0.2	7.25	45.04	17.363	52.09	4.16

NAME OF THE MUTUAL FUND	2018-2019	2019-2020	2020-2021	AVERAGE	TOTAL	STANDARD DEVIATION
SBI	-4.09	11.64	52.19	19.91333	59.74	4.46
UTI	-0.39	11.56	46.1	19.09	57.27	4.37
LIC	0.71	14.99	31.26	15.65	46.96	3.96
IDBI	-5.88	12.71	44.09	16.97	50.92	4.12
BARODA	-3.86	12.1	44.55	17.59	52.79	4.20

The above table reveals that private sector made a highest return of 11.28% in the investment year 2020-2021 and the public sector made a lowest return of decreases with9.30%.how ever return earned on average 3.28% in percentage 2020-2021.

NAME OF THE MUTUAL FUND	VARIABLES	STANDARD DEVIATION	SHARPE RATIO
SBI	59.74	4.462	0.61
UTI	57.27	4.369	1.21
LIC	46.96	3.956	0.59
IDBI	50.92	4.119	0.28
BARODA	52.79	4.194	0.45

The above table reveals that private sector made a highest return of 9.45% in the investment year 2020-2021 and the public sector made a lowest return of decreases with6.30%.how ever return earned on average 7.98% in percentage 2020-2021.

Fund name	EX	EY	EXY	EX^2	P
ADITYA BIRLA SUNLIFE	**127.1**	**124.48**	**1738.00**	**2501.63**	**0.36**
AXIS	**78.8**	**124.48**	**1051.18**	**2234.50**	**0.14**
HDFC	**107.80**	**124.48**	**1473.95**	**2508.06**	**0.23**
KOTAK	**65.07**	**124.48**	**1024.17**	**3211.26**	**0.17**
NIPPON INDIA	**77**	**124.48**	**1356.78**	**2354.21**	**0.23**

Fund name	EX	EY	EXY	EX^2	P
SBI	**124**	**124.48**	**1146**	**2518**	**0.1**
UTI	**106**	**124.48**	**1123**	**2834**	**0.14**
LIC	**114**	**124.48**	**1062**	**3623**	**0.15**
IDBI	**107**	**124.48**	**1636**	**3412**	**0.11**
BARODA	**123**	**124.48**	**1441**	**3609**	**0.23**

The above table reveals that private sector mutual funds have highest return of 11.21% for the year 2020-2021. And the lowest in private sector has lowest return of 10.21% for the period of 2020-2021.

CONCLUSION

Mutual Funds are being preferred by the investors to safeguard their principal and also to create wealth. The Indian Mutual Fund Industry started with the setup of UTI, and then the entry of Mutual Fund Companies sponsored by Nationalized Banks and Insurance Companies. With the entry of Private Sector Funds, the Mutual Fund Industry is offering wide range of fund families to the investors. There are various Categories of schemes offered by the Mutual Funds and among them the most popular one is Income Funds. The performance of the mostof the Private Sector Mutual Funds is better compared to the Public Sector Mutual Funds.

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