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**PERFORMANCE EVALUATION OF MUTUAL FUND: A STUDY OF RELIANCE MUTUAL FUND**

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**ABSTRACT**

*In this paper we tried to evaluate the performance of Reliance open-ended equity schemes with growth option. The period of the study spans from 1<sup>st</sup> April 2006 till 31<sup>st</sup> March 2015. To evaluate the performance of the selected mutual fund schemes, monthly returns are compared with Benchmark BSE National 100 and SENSEX returns. Further, statistical tools like average, standard deviation, beta, coefficient of determination and the risk adjusted performance measures suggested by Sharpe (1966), Treynor (1965) and Jensen (1968) were employed to evaluate the performance for the selected period.*

**KEYWORDS**

equity schemes, jenson, open-ended, sharpe, treynor.

**INTRODUCTION**

Many of the financial instruments mutual fund is one of the most attractive financial investment instrument that plays a vital role in the economy of a country. Mutual fund schemes provides new opportunities for investors. Mutual fund Industry was introduced in India 1963 with the formation of Unit Trust of India. During the last few years many extraordinary and rapid changes have been seen in the Mutual fund industry. Therefore, due to the changed environment it becomes important to investigate the mutual fund performance. The need for evaluating the performance of mutual fund schemes in India to see whether the mutual fund schemes are outperforming or underperforming than the benchmark and to see the competency of schemes to make out a strong case for investment. The present paper investigates the performance of open-ended, growth-oriented equity schemes. Open-ended mutual fund schemes are those which don't have a fixed maturity, not listed in the stock exchange and these schemes offer new unit for sale and ready to buy any time. The success of any scheme depends upon the competence of the management and its soundness.

**REVIEW OF LITEARTURE**

Despite the existing of a mutual fund industry for over four and half decades in India, there have been only a few studies, which examined the performance of Indian mutual fund using standard methodology a brief review of this studies is now presented below:

**Gupta [1981]** had laid the foundation of performance evaluation with his study on performance of Indian equities. Immediately thereafter, Jain (1982) had pioneered the work on financial performance of investment schemes of Unit Trust of India during the period 1964-65 to 1979-80. His work is considered as the first notable work on performance evaluation of mutual funds in India.<sup>1</sup>

**Sarkar [1991]** critically examined mutual fund performance evaluation methodology. He opined that both Sharpe [1966] and Treynor [1965] performance measures rank mutual funds performance in similar fashion though they differ in the measurement of risk parameter.<sup>2</sup>

**Obaidullah and Sridhar [1991]** evaluated the performance of two major growth oriented mutual fund schemes – Mastershare and Canshare. They concluded that both of these on a total-risk-adjusted basis while Canshare did on a market risk-adjusted basis.<sup>3</sup>

**Shukla and Singh [1994]** tested the proposition whether portfolio manager's professional education resulted in superior performance. They reported that equity mutual funds managed by professionally qualified managers were riskier but better diversified than those managed by others. The study also pointed out that these fund managers outperformed others as a group though the difference in performance was not found to be statistically significant.<sup>4</sup>

**Shome [1994]** reported that average rate of return of selected Indian mutual funds was marginally lower than that of the benchmark portfolio (BSE Sensex). However, he reported that the risk measure of the majority of funds was higher than that of the benchmark portfolio. This implies that the fund managers were taking larger risk but were generating lower returns.<sup>5</sup>

**Adhikari and Bhosale [1994]** evaluated the relative performance of eleven growth schemes in terms of various performance measures during Feb. 1992 to May 1994 utilizing monthly NAV data. They reported that some of the sample schemes outperformed the relevant benchmark portfolio.<sup>6</sup>

**Vaid [1994]** looked at the performance in terms of the ability of the mutual fund to attract more investors and higher fund mobilization. It shows the popularity of the mutual fund as it is perceived to pay superior returns to the investors. She concludes that even for equity oriented funds, investment is more in fixed income securities rather than in equities, which is a distortion.<sup>7</sup>

**Kale and Uma [1995]** evaluated the performance of 77 mutual fund schemes managed by eight mutual funds. The rates of return were compared with the return on the BSE National Index over the sample period to assess the performance of the scheme vis-a-vis, the market. The study also examined the accounting and disclosure policies followed by the sample funds.<sup>8</sup>

**Sahadevan and Raju [1996]** have carried out a study on mutual funds. Their study has focused on data presentation on expenses and other related aspects, which are generally covered in annual reports of the mutual funds without going into the details of financial performance evaluation of the funds.<sup>9</sup>

**Agarwal [1996]** has dwelt upon various conceptual aspects related to mutual funds. The study has covered data on UTI's equity, debt and balanced funds. It traces the historical background of mutual fund industry in the USA and UK. The study covers in details the operational aspects of mutual fund management including the regulatory framework. The related chapters also cover data on NAV, market prices, national index, etc., pertaining to some of the funds in operation in India, without any financial performance evaluation of equity oriented funds.<sup>10</sup>

**Khurana [1996]** reported inverse relationship between probability of managerial replacement and fund performance by taking growth rate in a fund's asset base its portfolio returns as two separate measures of performance.<sup>11</sup>

**Jayadev [1996]** evaluated performance of two schemes during the period, June 1992 to March 1994 in terms of returns/benchmark comparison, diversification selectivity and market timing skills. He concluded that the schemes failed to perform better than the market portfolio (ET's ordinary share price index). Diversification was unsatisfactory. The performance did not show any signs of selectivity and timing skills of the fund managers.<sup>12</sup>



**Sadhak [1997]** traced the historical background of mutual fund industry. It has delineated the investment and marketing strategies followed by mutual fund organization in India. It contains statistical information about growth of mutual fund industry in terms of funds available for investment and investors account holding. However, the study misses out on financial performance of the mutual funds in operations.<sup>13</sup>

**Jayadev M [1998]** evaluated the performance of 62 mutual funds schemes using monthly NAV data for varying period between 1987 – March, 1995. He reported superior performance for bulk (30 out of 44) of the sample schemes when total risk was considered. However, in terms of systematic risk only 24 out of 44 schemes outperformed the benchmark portfolio. He also found that Indian Mutual funds were not properly diversified. Further, in terms of Fama's measure, he did not find selectivity ability of the fund manager.<sup>14</sup>

**Gupta and Sehgal [1998]** are quite comprehensive. They evaluated investment performance of 80 mutual fund schemes for the Indian market over a four-year period 1992-96. In addition, they tested several related propositions regarding fund diversification, consistency of performance, parameter stationarity over time, performance in relation to fund objectives and risk-return relationship they reported that mutual fund industry had performed reasonably well during the study period. However, they pointed out lack of adequate diversification. They also found evidence to support consistency of performance. They, however, reported that parameters are not stationarity over-time. Finally, a significant and positive risk return relationship was documented by the study when standard deviation was used a risk measure.<sup>15</sup>

**Rao and Venkateswaralu [1998]** examined the market timing abilities of fund managers of UTI using its nine closed ended schemes. The data set comprised daily closing prices of the schemes from their respective listing dates to March 1998. They employed both the Treynor-Mazuy and Henriksson-Merton models and reported that UTI's fund managers were not able to time the market in general.<sup>16</sup>

**Mishra [2001]** evaluated performance over a period, April 1992 to December 1996. The sample size was 24 public sector sponsored mutual funds. The performance was evaluated in terms of rate of return, Treynor, Sharpe and Jensen's measures of performance. The study also addressed beta's instability issues. The study concluded dismal performance of PSU mutual funds in India, in general, during the period, 1992-1996.<sup>17</sup>

**G. Sethu [2001]** used weekly NAV data for 18 open-ended growth schemes in India for the period April 1995-July 1999. His study used three alternatives indices for equity market viz. NSE Nifty, BSE Sensitive Index and S&P CNX 500. The 91-day treasury auction rate was used as the risk free rate. He concluded that the fund portfolios are not adequately diversified; the excess returns after adjusting for systematic risk is zero and the portfolios do not show any market timing.<sup>18</sup>

**Singh and Singh** have highlighted the fact that mutual funds have not attained equal status as their counterparts in USA, UK and other developed countries. It has emphasized on the gradual but slow growth of mutual funds in India giving a exclusive attention to the UTI as it was through to be the pioneers in this field. The private, money market funds, offshore mutual funds has been critically analyzed.<sup>19</sup>

**Gupta**, study was conducted with the primary objective to evaluate the performance of selected mutual funds schemes and to apply test for analyzing timing abilities of the mutual funds managers during the period April 1, 1994 to march 31, 1999 it also examines the growth and development of the mutual fund industry in India during the period 1987 to September 1999. However, No conclusive evidence was available which could warrant the study to accept its performance as superior.<sup>20</sup>

**Kumar Vikas [2010]** Evaluated the performance of 20 mutual funds schemes managed by five mutual funds using monthly NAV for period between 1<sup>st</sup> Jan 2000 to 31<sup>st</sup> Dec 2009 for 10 year i.e. 120 months. The rate of return was compared with the BSE National 100 index over the period. The performance was evaluated in the term of rate of return, Total risk (i.e. S.D.), systematic risk (i.e. Beta), coefficient of determination and risk adjusted performance suggested by Sharpe (1966), Treynor (1965) and Jensen (1968). The outcome shows that out of 20 schemes selected equity schemes shows better return as compared to debt and balanced schemes.<sup>21</sup>

## SIGNIFICANCE OF THE STUDY

The need for evaluating the performance of mutual fund schemes in India to see whether the mutual fund schemes are outperforming or underperforming than the benchmark and to see the competency of schemes to make out a strong case for investment. The present paper investigates the performance of open-ended, growth-oriented equity schemes. Open-ended mutual fund schemes are those which don't have a fixed maturity, not listed in the stock exchange and these schemes offer new unit for sale and ready to buy any time. The success of any scheme depends upon the competence of the management and its soundness. Evaluating historical performance of mutual funds is important both for investors as well as portfolio managers. It enables an investor to access as to how much return has been generated by the portfolio manager and what risk level has been assumed in generating such returns. The various constituents of the society have been deprived of the detailed knowledge about the mutual fund's operations, management, regulations, growth, performance, relations with capital market and risk and return involved. This study is expected to fill this gap. The present research work is supposed to be useful especially to present and potential investors, managers of mutual funds, agents of mutual funds, academicians, present and future research scholars and also government and regulated bodies. This study will guide the investors in planning and effecting their investments in mutual funds. It will also act as a guide for beginning investors.

## OBJECTIVES OF THE STUDY

- To Evaluate the Performance of sample schemes.
- To compare schemes return and risk with benchmark i.e. BSE 100.
- To compare schemes return and risk with benchmark i.e. SENSEX.
- To appraise the performance of mutual funds with regard to risk-return adjustment, the model suggested by Sharpe, Treynor and Jensen.

## RESEARCH METHODOLOGY

### ➤ BENCHMARK INDEX

For this study, broad-100 shared base BSE National Index and SENSEX has been used as a proxy for market index. Hence it would cover the majority percentage of different scheme portfolios and therefore is expected to provide better performance benchmark.

### ➤ RISK FREE RATE

Risk free rate of return refers to that minimum return on investment that has no risk of losing the investment over which it is earned. For the present study, it has been taken as Public Provident Fund (PPF) on the average rate from 2006 to 2015 marked as 8.0111% per annum or 0.006676 per month.

### ➤ PERIOD OF STUDY

The growth oriented schemes, which have been floated by the Reliance Mutual Funds during the period 1<sup>st</sup> April, 2006 to 31<sup>st</sup> March 2015 have been considered for the purpose of the study. Monthly Net Asset Value (NAV) as declared by the relevant mutual funds from the 1<sup>st</sup> April, 2006 to 31<sup>st</sup> March 2015 has been used for the purpose.

### ➤ DATA

Study examines six open-ended equity schemes with growth option being launched by Reliance Mutual Funds. These schemes have been selected on the basis of regular data availability during the period of 1<sup>st</sup> April 2006 to 31<sup>st</sup> March 2015. Monthly Net Asset Value (NAV) data has been used and the period.

### ➤ STATISTICAL TOOLS

For the purpose of the performance evaluation various tools were used to measure the performance which are as Average Return, Standard Deviation, Co-efficient of Determination, Beta, Sharpe, Treynor and Jensen.

## ANALYSIS AND INTERPRETATION

TABLE 1.1: LIST OF MUTUAL FUNDS SCHEMES STUDIED

Name of the Equity Scheme Selected
RELIANCE BANKING FUND
RELIANCE DIVERSIFIED POWER SECTOR FUND
RELIANCE EQUITY OPPORTUNITIES FUND
RELIANCEFOCUSED LARGE CAP FUND
RELIANCE GROWTH FUND
RELIANCE MEDIA AND ENTERTAINMENT FUND
RELIANCE NRI EQUITY FUND
RELIANCE PHARMA FUND
RELIANCE REGULAR SAVINGS FUND
RELIANCE VISION FUND

Different scheme launch in different dates therefore, for the purpose performance evaluation the period covers 1<sup>st</sup> April, 2006 to 31<sup>st</sup> March, 2015.

Table 1.2 shows the average return earned by the various schemes. For calculation of average return earned by the schemes Growth in the value for each month over the previous month has been divided by the value of the previous month. Then the average of the full series has been taken. In schemes all the sample schemes had shown the highest return earners as against BSE 100 return (0.011384) except one i.e. **Reliance Focused Large Cap Fund** which has shown the worst performance as against BSE 100 return and Sensex, also all the schemes shows better return as against Sensex (0.01091) except **Reliance Focused Large Cap Fund**. **Reliance Pharma Fund** (0.020369) has shown the best return followed by **Reliance Banking Fund** (0.020055) and **Reliance Regular Savings Fund** (0.016969).

TABLE 1.2: AVERAGE MONTHLY RETURN EARNED BY THE SCHEMES

SCHEMES	RETURN
Reliance Pharma Fund	0.020369
Reliance Banking Fund	0.020055
Reliance Regular Savings Fund	0.016969
Reliance Equity Opportunities Fund	0.015703
Reliance NRI Equity Fund	0.014465
Reliance Growth Fund	0.014353
Reliance Media and Entertainment Fund	0.012664
Reliance Vision Fund	0.012521
Reliance Diversified Power Sector Fund	0.012184
Reliance Focused Large Cap Fund	0.009889

TABLE 1.3: STANDARD DEVIATION

SCHEMES	SD
Reliance Focused Large Cap Fund	0.063929
Reliance Pharma Fund	0.072496
Reliance NRI Equity Fund	0.072758
Reliance Equity Opportunities Fund	0.074776
Reliance Vision Fund	0.075706
Reliance Growth Fund	0.076667
Reliance Regular Savings Fund	0.083384
Reliance Media and Entertainment Fund	0.083707
Reliance Diversified Power Sector Fund	0.089196
Reliance Banking Fund	0.092936

Table 1.3 shows the standard deviation of selected schemes. It is the most common expression to measure risk of the fund return. Higher the value of standard deviation of the fund returns, greater will be the total risk carried by the fund. It is observed that the maximum deviation of funds return is shown by **Reliance Banking Fund** (0.092936) whereas **Reliance Focused Large Cap Fund** was least risky scheme with lowest standard deviation (0.063929) on the other hand Standard Deviation of benchmark BSE 100 National Index is (0.075408) and Sensex (0.070924). It could be seen here that four out of selected schemes selected for study shows less standard deviation than BSE 100 Index and one out of the sample shows less risky than Sensex.

**RISK - RETURN CLASSIFICATION OF SAMPLE SCHEMES**

In order to undertake further analysis, sample schemes have been classified into the following four categories on the basis of their return and risk characteristics:

- 1) **Low Return and Low Risk:** This category consists of schemes whose average returns are less than the average market return and their standard deviations are also lower than that of the market.
- 2) **High Return and Low Risk:** This category comprises those schemes whose returns are more than the market but their standard deviations are lower than that of the market.
- 3) **High Return and High Risk:** This category includes all those schemes whose returns as well as standard deviations are higher than that of the market.
- 4) **Low return and High Risk:** The final category includes all those schemes whose returns have been found to be lower than that of the market but their standard deviations are higher than that of the market.

**Categorizations of Schemes** Table 1.4 presents the risk return grid of Mutual Funds schemes from BSE100.

After classification of the sample schemes in to risk return category **1 scheme** fall in category 1<sup>st</sup> i.e. **Low Return Low Risk**.

Further **3 schemes** fall in 2<sup>nd</sup> category i.e. **High return and low risk**. These 5 schemes fulfil one basic objective of Mutual Fund i.e. High Return and Low Risk compared to the capital market.

Only **6 schemes** fall in 3<sup>rd</sup> category i.e. **High Return and High Risk** and **no schemes** falls in 4<sup>th</sup> category i.e. **Low Return and High Risk**.

TABLE 1.4: RISK RETURN GRID OF MUTUAL FUNDS SCHEMES

<b>Category 1</b> Reliance Focused Large Cap Fund	<b>Category 2</b> Reliance Equity Opportunities Fund Reliance NRI Equity Fund Reliance Pharma Fund
<b>Category 3</b> Reliance Banking Fund Reliance Diversified Power Sector Fund Reliance Growth Fund Reliance Media and Entertainment Fund Reliance Regular Savings Fund Reliance Vision Fund	<b>Category 4</b>  <b>NIL</b>

**Categorizations of Schemes** Table 1.5 presents the risk return grid of Mutual Funds schemes from SENSEX. After classification of the sample schemes in to risk return category **1 scheme** fall in category 1<sup>st</sup> i.e. **Low Return Low Risk**. Further **no schemes** fall in 2<sup>nd</sup> category i.e. **High return and low risk**. Rest **All schemes** fall in 3<sup>rd</sup> category i.e. **High Return and High Risk** and no schemes falls in 4<sup>th</sup> category i.e. Low Return and High Risk.

TABLE 1.5: RISK RETURN GRID OF MUTUAL FUNDS SCHEMES

<b>Category 1</b> Reliance Focused Large Cap Fund	<b>Category 2</b> <b>NIL</b>
<b>Category 3</b> Reliance Banking Fund Reliance Diversified Power Sector Fund Reliance Equity Opportunities Fund Reliance Growth Fund Reliance Media and Entertainment Fund Reliance NRI Equity Fund Reliance Pharma Fund Reliance Regular Savings Fund Reliance Vision Fund	<b>Category 4</b>  <b>NIL</b>

TABLE 1.6: CO-EFFICIENT OF DETERMINATION (R<sup>2</sup>)

SCHEMES	BSE 100	SENSEX
Reliance NRI Equity Fund	0.937684	0.916597
Reliance Vision Fund	0.921379	0.886457
Reliance Focused Large Cap Fund	0.920177	0.888304
Reliance Growth Fund	0.908428	0.860995
Reliance Equity Opportunities Fund	0.904277	0.863409
Reliance Regular Savings Fund	0.884528	0.833689
Reliance Diversified Power Sector Fund	0.805674	0.761896
Reliance Banking Fund	0.736529	0.691007
Reliance Media and Entertainment Fund	0.693779	0.640527
Reliance Pharma Fund	0.539784	0.503791

Table 1.6 shows that Coefficient of determination (R<sup>2</sup>), the coefficient measure to extent to which market index has been able to explain the variation in mutual fund. The table 1.6 shows that in the equity schemes the maximum and minimum values of (R<sup>2</sup>) where found in case of **Reliance NRI Equity Fund** and **Reliance Pharma Fund** respectively. It shows that approx 94% of **Reliance NRI Equity Fund** varies due to market fluctuations and approx 54% of **Reliance Pharma Fund** varies due to market fluctuations..The low value of (R<sup>2</sup>) indicates less diversification of the portfolio.

Table 1.7 presents the systematic risk of the sample schemes. Considered for the purpose of this study in majority of the scheme have beta less than 1 (i.e. market beta) except 3 in case of BSE 100 and except 5 in case of Sensex implying thereby that all these schemes selected for the study tends to hold portfolios that were less risky than the market portfolio. The best beta value was shown by **Reliance Pharma Fund** (0.706322) in BSE 100 and (0.725505) in Sensex and the worst was shown by **Reliance Diversified Power Sector Fund** in both BSE 100 and Sensex.

TABLE 1.7: BETA

SCHEMES	BSE 100	SENSEX
Reliance Pharma Fund	0.706322	0.725505
Reliance Focused Large Cap Fund	0.813241	0.849545
Reliance Media and Entertainment Fund	0.924591	0.944561
Reliance NRI Equity Fund	0.934299	0.982131
Reliance Equity Opportunities Fund	0.942961	0.979656
Reliance Vision Fund	0.963676	1.004993
Reliance Growth Fund	0.969018	1.003018
Reliance Regular Savings Fund	1.039964	1.073463
Reliance Banking Fund	1.057686	1.089243
Reliance Diversified Power Sector Fund	1.061707	1.097729

TABLE 1.8: SHARPE OF THE SCHEMES

SCHEMES	SHARPE
Reliance Pharma Fund	0.188886
Reliance Banking Fund	0.143955
Reliance Regular Savings Fund	0.123448
Reliance Equity Opportunities Fund	0.120715
Reliance NRI Equity Fund	0.107049
Reliance Growth Fund	0.100138
Reliance Vision Fund	0.077194
Reliance Media and Entertainment Fund	0.071533
Reliance Diversified Power Sector Fund	0.061742
Reliance Focused Large Cap Fund	0.050261

Table 1.8 depicts value of Sharpe's reward to variability ratio. It is an excess return earned over risk free return per unit of risk involved, i.e. per unit of standard deviation. Positive value of the index shows good performance it could be seen that all sample schemes have recorded better Sharpe index than the BSE National Index(0.062426) except two i.e. **Reliance Diversified Power Sector Fund** and **Reliance Focused Large Cap Fund** and in Sensex (0.059769) except one i.e. **Reliance Focused Large Cap Fund**. **Reliance Pharma Fund** has shown the best Sharpe ratio among the selected schemes. This indicates Nearly 80-90 percent schemes have outperformed the BSE national index and Sensex. This implies that the funds decision for diversified portfolio in a falling market has proved successful in earning higher excess returns per unit of risk as compared to the market. The Sharpe index is important from small investor point of view who seek diversification through mutual funds, i.e. mutual funds are supposed to protect small investors against vagaries of stock markets and the fund managers of these schemes has done well to protect them.

Table 1.9 shows Treynor of the scheme it is the excess return over risk free return per unit of systematic risk i.e. beta. Here, too, all the schemes recorded positive value indicating there by that the schemes provided adequate returns as against the level of risk involved in the investment. **Reliance Pharma Fund** shows the best Treynor ratio among all. Analysis of table 1.9 reveals that all the mutual funds schemes have positive values. A higher Treynor Index as compared to market indicates that investor who invested in mutual fund to form well diversified portfolio did receive adequate return per unit of systematic risk undertaken.

TABLE 1.9: TREYNOR OF THE SCHEMES

SCHEMES	BSE 100	SENSEX
Reliance Pharma Fund	0.019387	0.018875
Reliance Banking Fund	0.012649	0.012283
Reliance Regular Savings Fund	0.009898	0.009589
Reliance Equity Opportunities Fund	0.009573	0.009214
Reliance NRI Equity Fund	0.008337	0.007931
Reliance Growth Fund	0.007923	0.007655
Reliance Media and Entertainment Fund	0.006477	0.006339
Reliance Vision Fund	0.006065	0.005815
Reliance Diversified Power Sector Fund	0.005188	0.005017
Reliance Focused Large Cap Fund	0.003952	0.003783

TABLE 2.0: JENSON OF THE SCHEMES

SCHEMES	BSE 100	SENSEX
Reliance Banking Fund	0.022165	0.022738
Reliance Pharma Fund	0.022001	0.022385
Reliance Regular Savings Fund	0.015836	0.016303
Reliance Equity Opportunities Fund	0.013479	0.013853
Reliance NRI Equity Fund	0.011106	0.011395
Reliance Growth Fund	0.010762	0.011106
Reliance Media and Entertainment Fund	0.007675	0.008009
Reliance Vision Fund	0.007182	0.007424
Reliance Diversified Power Sector Fund	0.005945	0.006247
Reliance Focused Large Cap Fund	0.003245	0.003346

Table 2.0 shows the Jensen's measures. It is the regression of excess return of the schemes with excess return of the market, acting as dependent and independent variables respectively. Higher positive value of alpha posted by the schemes indicates its better performance. The analysis of the table reveals that all the schemes have positive Jensen's Measures. Highest value of Jensen's Measure is shown in **Reliance Banking Fund** Followed by **Reliance Pharma Fund**. Lowest Jensen's measure found again in the case of **Reliance Focused Large Cap Fund**. Higher value of Jensen's measures indicates good market timing ability of fund managers as regard investment in the securities.

TABLE 2.1: RANKING OF SELECTED MUTUAL FUNDS SCHEMES ACCORDING TO DIFFERENT MEASURES

SCHEMES	SHARPE	TREYNOR	JENSON
Reliance Pharma Fund	1	1	2
Reliance Banking Fund	2	2	1
Reliance Regular Savings Fund	3	3	3
Reliance Equity Opportunities Fund	4	4	4
Reliance NRI Equity Fund	5	5	5
Reliance Growth Fund	6	6	6
Reliance Vision Fund	7	8	8
Reliance Media and Entertainment Fund	8	7	7
Reliance Diversified Power Sector Fund	9	9	9
Reliance Focused Large Cap Fund	10	10	10

TABLE 2.2: AVERAGE RANKING OF SELECTED MUTUAL FUNDS SCHEMES ACCORDING TO DIFFERENT MEASURES

SCHEMES	AVERAGE RANK
Reliance Pharma Fund	1
Reliance Banking Fund	2
Reliance Regular Savings Fund	3
Reliance Equity Opportunities Fund	4
Reliance NRI Equity Fund	5
Reliance Growth Fund	6
Reliance Media and Entertainment Fund	7
Reliance Vision Fund	8
Reliance Diversified Power Sector Fund	9
Reliance Focused Large Cap Fund	10

Table 2.2 shows the average ranking of all the schemes are same, as different measures leads to different results ,but each tools has its own way of measuring which is more important. It can be seen that **Reliance Pharma Fund** has outperformed all the other sample schemes as it is the best among all the measures i.e. Sharpe, Treynor and Jensen based on Average Ranking.

## CONCLUSION

Out of the total schemes studied, all schemes showed an average return higher than in comparison to the market return i.e. BSE 100 and SENSEX except one i.e. **Reliance Focused Large Cap Fund**. Mutual funds are supposed to protect small investors against vagaries of stock market and the fund managers of these schemes have done well to protect them, based on both benchmarks **Reliance Pharma Fund**, **Reliance NRI Equity Fund**, **Reliance Focused Large Cap Fund** and **Reliance Equity Opportunities Fund** in BSE 100 and **Reliance Focused Large Cap Fund** in Sensex has performed better than the other schemes in comparison of risk and return which Indicates that investors who invested in these schemes to form well diversified portfolio did receive adequate return per unit of total risk & systematic risk undertaking. It can be seen that **Reliance Pharma Fund** has outperformed all the other sample schemes as it is the best among all the measures i.e. Sharpe, Treynor and Jensen based upon the average ranking.

## LIMITATIONS OF THE STUDY

For the purpose of performance evaluation, those schemes have been selected which are in operation since last 9 years i.e. 1<sup>st</sup> April 2006 to 31<sup>st</sup> March 2015. Only open ended equity schemes have been considered for this purpose. The schemes having only growth options are being taken into consideration. The series schemes and the plan schemes were not taken as a part of sample as it lacks uniformity. Performance evaluation of all schemes was not possible due to unavailability of data.

## SCOPE FOR FURTHER RESEARCH

As evaluating the performance of Mutual Fund is an ongoing process and a never ending task. This study has taken only open-ended schemes for its consideration and thus, a similar study can be done on Close-ended schemes. As in the present study an attempt has been made to compare the selected schemes with two benchmarks i.e. BSE 100 and Sensex, so same can be made with various other benchmarks and different Risk free return which is taken as Public Provident Fund in the present study. The number of sample schemes too can be increased, which might provide some more variations in the result. Also many private sector mutual fund exist in the industry, in the present study only Reliance Mutual Fund was taken , many are yet to be evaluated. A study can be made also for the evaluation of Bank Sponsered Mutual Fund or Institution along with the comparative study.

## REFERENCES

- Gupta L.C., (1881), "Rates of Returns on Equities; The Indian Experience", Oxford University Press, New Delhi. Page No. 5-17
- Sarkar, A.K. (1992), "Should We Invest in Mutual Funds" Management Accountant, 10: 738-739
- Obaidullah, M. amd Ganesh, Sridhar (1991), "Do Mutual Funds in India Provide Abnormal Returns", Chartered Financial Analysis, 5:3-6.
- Shukla, Ravi and Singh, Sandeep (1994), "Are CFA Charter holders Better Equity Fund Managers", Financial Analysts Journal, 2: 68-74.
- Shome, Sujjan (1994), "A Study of Performance of Indian Mutual Funds", Unpublished Thesis, Jhanshi University.
- Adhikari, Umesh and Bhosale, Meenal (1994), "Risk Return Analysis of Mutual Fund Growth Schemes". Indian Management, August 1994.
- Vaid S, (1994), "Mutual Funds operation in India", Rishi Publication, Varanasi, India. Page No. 101-119.
- Kale, Sunita and Uma, S. (1995), A study on the evaluation of the Performance of Mutual Funds in India, National Bank Institute, Pune.
- Sahadevan and Raju MT, (1996), "Mutual Funds Data, Interpretation and Analysis", Prentice hall of India.
- Agarwal P.R. (1996), "Mutual funds-A Comprehensive Approach", Orient Law house, Delhi.
- Khuran, Ajay (1996), "Top Management Turnover – An Empirical Investigation of Mutual Fund Managers", Journal of Financial Economics,3.
- Jayadev M. (1996) "Mutual Fund Performance; An Analysis of Monthly Returns", Finance India, Vol. X, No.1, (March), Page No.73-84
- Sadhak H, (1997) "Mutual Fund Investment and Market Practices in India", Sage Publication India.
- Jayadev M. (1998), "Performance Evaluation of Portfolio Managers: An Empirical Evidence on Indian Mutual Funds", Applied Finance Vol.5, No.2, July.
- Gupta, O.P. and Sehagal S. (2000), "Investment Performance of Mutual Funds: The Indian Experience", In Indian Capital Markets: Trends and Dimensions edited by UMA Shashikant and Arumugam, Tata McGraw Hill, New Delhi.
- Rao K.V. and Venkateshwarlu, K. (1998), " Market Timing Abilities of Fund Managers-A case Study of Unit Trust of India", A paper presented at the Second Capita Market Conference Organised by UTI Institute Capital Market, Mumbai.
- Mishra B, (2001), "A study of Mutual Funds in India", un published Research paper under the aegis of Faculty of Management Studies, University of Delhi.
- Sethu, G. (2001), "The Mutual Fund Puzzle" in Indian Capital Markets: Modern perspective and Empirical Evidence, Allied Publishers Mumbai.
- Singh, H.K. and Singh, Meera, 'Mutual funds and Indian capital market, performance and profitability'.
- Gupta, Amitabh. Mutual Funds in India - A study of Investment Management, Anmol Publication Pvt. Ltd. New Delhi. 2002.
- Kumar, Vikas, Mutual Funds in India: Growth and Performance. ERT Publication, Pvt.Ltd., Varanasi,2012.

## WEBSITES (Viewed on January 01, 2016)

- www.amfi.com
- www.bseindia.com
- www.investopedia.com
- www.moneycontrol.com
- www.reliance mf.com
- www.sebi.gov.in
- www.wikipedia.com

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