

INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT & MANAGEMENT

I
J
R
C
M



A Monthly Double-Blind Peer Reviewed (Refereed/Juried) Open Access International e-Journal - Included in the International Serial Directories

Indexed & Listed at:

Ulrich's Periodicals Directory ©, ProQuest, U.S.A., EBSCO Publishing, U.S.A., Cabell's Directories of Publishing Opportunities, U.S.A., Google Scholar,

Open J-Gate, India [link of the same is duly available at Inlibnet of University Grants Commission (U.G.C.)],

Index Copernicus Publishers Panel, Poland with IC Value of 5.09 & number of libraries all around the world.

Circulated all over the world & Google has verified that scholars of more than 4767 Cities in 180 countries/territories are visiting our journal on regular basis.

Ground Floor, Building No. 1041-C-1, Devi Bhawan Bazar, JAGADHRI – 135 003, Yamunanagar, Haryana, INDIA

<http://ijrcm.org.in/>

CONTENTS

Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	IMPACT OF FACEBOOK USAGE ON STUDENT ACADEMIC PERFORMANCE: THE CASE OF WOLLEGE UNIVERSITY <i>V.P.S. ARORA & SARFARAZ KARIM</i>	1
2.	A STUDY ON THE IMPACT OF EMOTIONAL INTELLIGENCE ON QUALITY OF WORK LIFE AMONG WOMEN EMPLOYEES OF ITES COMPANIES WITH SPECIAL REFERENCE TO SELECTED COMPANIES IN COIMBATORE DISTRICT <i>DR. S. GANESAN & SUKANYA.L</i>	7
3.	IMPACT OF VILLAGE INFRASTRUCTURE INITIATED BY KORBA COALFIELDS OF CHHATTISGARH (INDIA) ON VILLAGERS' WAY OF LIVING <i>A S BABU & SUKANTA CHANDRA SWAIN</i>	11
4.	REVENUE MANAGEMENT: A CASE STUDY OF BHARAT SANCHAR NIGAM LIMITED <i>DR. U. PADMAVATHI</i>	18
5.	DIGITAL MARKETING – WAY TO SIGNIFICANCE <i>SEMILA FERNANDES & VIDYASAGAR A.</i>	22
6.	PERFORMANCE MANAGEMENT IN SUGAR INDUSTRIES <i>M. SARADADEVI & K. YASODA</i>	28
7.	FOREIGN DIRECT INVESTMENT INFLOWS, TECHNOLOGICAL INNOVATION, SUSTAINABLE DEVELOPMENT AND SKILLED HUMAN BEHAVIOR: A MULTIVARIATE GRANGER CAUSALITY STUDY – EVIDENCE FROM FRANCE <i>DR. BHUMIKA GUPTA & DR. JASMEET KAUR</i>	32
8.	CONSTRUCTION OF INTER QUARTILE RANGE (IQR) CONTROL CHART USING PROCESS CAPABILITY FOR STANDARD DEVIATION <i>DR. C. NANTHAKUMAR & S.VIJAYALAKSHMI</i>	35
9.	EQUITY SHARE PERFORMANCE OF AUTO MOBILE INDUSTRY IN BSE <i>M. NIRMALA & P. PAVITHRA</i>	39
10.	TURN OF THE MONTH EFFECT IN INDIAN METAL SECTOR WITH SPECIAL REFERENCE TO BSE METAL INDEX <i>J. SUDARVEL & DR. R. VELMURUGAN</i>	43
11.	ROLE OF MAHILA SAHKARI BANK IN WOMEN EMPOWERMENT <i>DR. R. P. AGRAWAL & AJITA SAJITH</i>	46
12.	STRESS AMONG IT SECTOR EMPLOYEES <i>SABARI GHOSH</i>	49
13.	MOBILE BANKING IN INDIA: A COMPARATIVE STUDY ON HDFC BANK AND AXIS BANK <i>N. NEERAJA</i>	54
14.	LEADERSHIP REQUIREMENTS TO MANAGE GLOBAL BUSINESS <i>DEEPA NATHWANI</i>	58
15.	A STUDY ON EMOTIONAL INTELLIGENCE AMONG TEACHERS IN PRIVATE SCHOOLS OF DINDIGUL DISTRICT <i>DR. R. RADHIKA DEVI & SOUNDARYA.N.</i>	63
16.	A STUDY ON CONSUMERS OPINION TOWARDS ECO-FRIENDLY PRODUCTS WITH SPECIAL REFERENCE TO COIMBATORE CITY <i>NITHYA M & T. RAHUL PRASATH</i>	67
17.	AN EVALUATION OF SERVICES BY DOCTORS PROVIDED BY PHARMACEUTICAL COMPANIES <i>MENKA TRIPATHI & DR. PRATIBHA JAIN</i>	74
18.	OPPORTUNITIES AND CHALLENGES TO TOURISM INDUSTRY: A CASE STUDY OF JAMMU AND KASHMIR <i>MUNEER A KHAN, SHAHNEYAZ A BHAT, SUHAIL A BHAT & MUDASIR AHMAD WAR</i>	79
19.	PERCEPTION OF STUDENT TOWARDS FATE AND LOCUS OF CONTROL AT HIGHER SECONDARY LEVEL: A STUDY IN PERCEPTION <i>P. THANGARAJU</i>	83
20.	SOCIO ECONOMIC CONDITIONS OF HANDLOOM WEAVERS: A STUDY OF KARIMNAGAR DISTRICT <i>ANKAM SREENIVAS & KALAKOTLA SUMAN</i>	85
	REQUEST FOR FEEDBACK & DISCLAIMER	96

CHIEF PATRON

PROF. K. K. AGGARWAL

Chairman, Malaviya National Institute of Technology, Jaipur
(An institute of National Importance & fully funded by Ministry of Human Resource Development, Government of India)
Chancellor, K. R. Mangalam University, Gurgaon
Chancellor, Lingaya's University, Faridabad
Founder Vice-Chancellor (1998-2008), Guru Gobind Singh Indraprastha University, Delhi
Ex. Pro Vice-Chancellor, Guru Jambheshwar University, Hisar

FOUNDER PATRON

LATE SH. RAM BHAJAN AGGARWAL

Former State Minister for Home & Tourism, Government of Haryana
Former Vice-President, Dadri Education Society, Charkhi Dadri
Former President, Chinar Syntex Ltd. (Textile Mills), Bhiwani

FORMER CO-ORDINATOR

DR. S. GARG

Faculty, Shree Ram Institute of Business & Management, Urjani

ADVISORS

PROF. M. S. SENAM RAJU

Director A. C. D., School of Management Studies, I.G.N.O.U., New Delhi

PROF. M. N. SHARMA

Chairman, M.B.A., Haryana College of Technology & Management, Kaithal

PROF. S. L. MAHANDRU

Principal (Retd.), Maharaja Agrasen College, Jagadhri

EDITOR

PROF. R. K. SHARMA

Professor, Bharti Vidyapeeth University Institute of Management & Research, New Delhi

CO-EDITOR

DR. BHAVET

Faculty, Shree Ram Institute of Engineering & Technology, Urjani

EDITORIAL ADVISORY BOARD

DR. RAJESH MODI

Faculty, Yanbu Industrial College, Kingdom of Saudi Arabia

PROF. SANJIV MITTAL

University School of Management Studies, Guru Gobind Singh I. P. University, Delhi

PROF. ANIL K. SAINI

Chairperson (CRC), Guru Gobind Singh I. P. University, Delhi

DR. SAMBHAVNA

Faculty, I.I.T.M., Delhi

DR. MOHENDER KUMAR GUPTA

Associate Professor, P. J. L. N. Government College, Faridabad

DR. SHIVAKUMAR DEENE

Asst. Professor, Dept. of Commerce, School of Business Studies, Central University of Karnataka, Gulbarga

ASSOCIATE EDITORS

PROF. NAWAB ALI KHAN

Department of Commerce, Aligarh Muslim University, Aligarh, U.P.

PROF. ABHAY BANSAL

Head, Department of I.T., Amity School of Engineering & Technology, Amity University, Noida

PROF. A. SURYANARAYANA

Department of Business Management, Osmania University, Hyderabad

PROF. V. SELVAM

SSL, VIT University, Vellore

DR. PARDEEP AHLAWAT

Associate Professor, Institute of Management Studies & Research, Maharshi Dayanand University, Rohtak

DR. S. TABASSUM SULTANA

Associate Professor, Department of Business Management, Matrusri Institute of P.G. Studies, Hyderabad

SURJEET SINGH

Asst. Professor, Department of Computer Science, G. M. N. (P.G.) College, Ambala Cantt.

FORMER TECHNICAL ADVISOR

AMITA

Faculty, Government M. S., Mohali

FINANCIAL ADVISORS

DICKIN GOYAL

Advocate & Tax Adviser, Panchkula

NEENA

Investment Consultant, Chambaghat, Solan, Himachal Pradesh

LEGAL ADVISORS

JITENDER S. CHAHAL

Advocate, Punjab & Haryana High Court, Chandigarh U.T.

CHANDER BHUSHAN SHARMA

Advocate & Consultant, District Courts, Yamunanagar at Jagadhri

SUPERINTENDENT

SURENDER KUMAR POONIA

CALL FOR MANUSCRIPTS

We invite unpublished novel, original, empirical and high quality research work pertaining to recent developments & practices in the areas of Computer Science & Applications; Commerce; Business; Finance; Marketing; Human Resource Management; General Management; Banking; Economics; Tourism Administration & Management; Education; Law; Library & Information Science; Defence & Strategic Studies; Electronic Science; Corporate Governance; Industrial Relations; and emerging paradigms in allied subjects like Accounting; Accounting Information Systems; Accounting Theory & Practice; Auditing; Behavioral Accounting; Behavioral Economics; Corporate Finance; Cost Accounting; Econometrics; Economic Development; Economic History; Financial Institutions & Markets; Financial Services; Fiscal Policy; Government & Non Profit Accounting; Industrial Organization; International Economics & Trade; International Finance; Macro Economics; Micro Economics; Rural Economics; Co-operation; Demography; Development Planning; Development Studies; Applied Economics; Development Economics; Business Economics; Monetary Policy; Public Policy Economics; Real Estate; Regional Economics; Political Science; Continuing Education; Labour Welfare; Philosophy; Psychology; Sociology; Tax Accounting; Advertising & Promotion Management; Management Information Systems (MIS); Business Law; Public Responsibility & Ethics; Communication; Direct Marketing; E-Commerce; Global Business; Health Care Administration; Labour Relations & Human Resource Management; Marketing Research; Marketing Theory & Applications; Non-Profit Organizations; Office Administration/Management; Operations Research/Statistics; Organizational Behavior & Theory; Organizational Development; Production/Operations; International Relations; Human Rights & Duties; Public Administration; Population Studies; Purchasing/Materials Management; Retailing; Sales/Selling; Services; Small Business Entrepreneurship; Strategic Management Policy; Technology/Innovation; Tourism & Hospitality; Transportation Distribution; Algorithms; Artificial Intelligence; Compilers & Translation; Computer Aided Design (CAD); Computer Aided Manufacturing; Computer Graphics; Computer Organization & Architecture; Database Structures & Systems; Discrete Structures; Internet; Management Information Systems; Modeling & Simulation; Neural Systems/Neural Networks; Numerical Analysis/Scientific Computing; Object Oriented Programming; Operating Systems; Programming Languages; Robotics; Symbolic & Formal Logic; Web Design and emerging paradigms in allied subjects.

Anybody can submit the **soft copy** of unpublished novel; original; empirical and high quality **research work/manuscript** **anytime** in **M.S. Word format** after preparing the same as per our **GUIDELINES FOR SUBMISSION**; at our email address i.e. infoijrcm@gmail.com or online by clicking the link **online submission** as given on our website ([FOR ONLINE SUBMISSION, CLICK HERE](#)).

GUIDELINES FOR SUBMISSION OF MANUSCRIPT

1. **COVERING LETTER FOR SUBMISSION:**

DATED: _____

THE EDITOR

IJRCM

Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF _____.

(e.g. Finance/Mkt./HRM/General Mgt./Engineering/Economics/Computer/IT/ Education/Psychology/Law/Math/other, please specify)

DEAR SIR/MADAM

Please find my submission of manuscript entitled ' _____ ' for possible publication in one of your journals.

I hereby affirm that the contents of this manuscript are original. Furthermore, it has neither been published elsewhere in any language fully or partly, nor is it under review for publication elsewhere.

I affirm that all the co-authors of this manuscript have seen the submitted version of the manuscript and have agreed to their inclusion of names as co-authors.

Also, if my/our manuscript is accepted, I agree to comply with the formalities as given on the website of the journal. The Journal has discretion to publish our contribution in any of its journals.

NAME OF CORRESPONDING AUTHOR	:	
Designation	:	
Institution/College/University with full address & Pin Code	:	
Residential address with Pin Code	:	
Mobile Number (s) with country ISD code	:	
Is WhatsApp or Viber active on your above noted Mobile Number (Yes/No)	:	
Landline Number (s) with country ISD code	:	
E-mail Address	:	
Alternate E-mail Address	:	
Nationality	:	

NOTES:

- a) The whole manuscript has to be in **ONE MS WORD FILE** only, which will start from the covering letter, inside the manuscript. **pdf. version is liable to be rejected without any consideration.**
 - b) The sender is required to mention the following in the **SUBJECT COLUMN of the mail:**
New Manuscript for Review in the area of (e.g. Finance/Marketing/HRM/General Mgt./Engineering/Economics/Computer/IT/Education/Psychology/Law/Math/other, please specify)
 - c) There is no need to give any text in the body of mail, except the cases where the author wishes to give any **specific message** w.r.t. to the manuscript.
 - d) The total size of the file containing the manuscript is expected to be below **1000 KB**.
 - e) **Abstract alone will not be considered for review** and the author is required to submit the **complete manuscript** in the first instance.
 - f) **The journal gives acknowledgement w.r.t. the receipt of every email within twenty four hours** and in case of non-receipt of acknowledgment from the journal, w.r.t. the submission of manuscript, within two days of submission, the corresponding author is required to demand for the same by sending a separate mail to the journal.
 - g) The author (s) name or details should not appear anywhere on the body of the manuscript, except the covering letter and the cover page of the manuscript, in the manner as mentioned in the guidelines.
2. **MANUSCRIPT TITLE:** The title of the paper should be **bold typed, centered and fully capitalised**.
 3. **AUTHOR NAME (S) & AFFILIATIONS:** Author (s) **name, designation, affiliation (s), address, mobile/landline number (s), and email/alternate email address** should be given underneath the title.
 4. **ACKNOWLEDGMENTS:** Acknowledgements can be given to reviewers, guides, funding institutions, etc., if any.
 5. **ABSTRACT:** Abstract should be in **fully italicized text**, ranging between **150 to 300 words**. The abstract must be informative and explain the background, aims, methods, results & conclusion in a **SINGLE PARA**. **Abbreviations must be mentioned in full.**
 6. **KEYWORDS:** Abstract must be followed by a list of keywords, subject to the maximum of **five**. These should be arranged in alphabetic order separated by commas and full stop at the end. All words of the keywords, including the first one should be in small letters, except special words e.g. name of the Countries, abbreviations.
 7. **JEL CODE:** Provide the appropriate Journal of Economic Literature Classification System code (s). JEL codes are available at www.aeaweb.org/econlit/jelCodes.php, however, mentioning JEL Code is not mandatory.
 8. **MANUSCRIPT:** Manuscript must be in **BRITISH ENGLISH** prepared on a standard A4 size **PORTRAIT SETTING PAPER**. **It should be free from any errors i.e. grammatical, spelling or punctuation. It must be thoroughly edited at your end.**
 9. **HEADINGS:** All the headings must be bold-faced, aligned left and fully capitalised. Leave a blank line before each heading.
 10. **SUB-HEADINGS:** All the sub-headings must be bold-faced, aligned left and fully capitalised.
 11. **MAIN TEXT:**

THE MAIN TEXT SHOULD FOLLOW THE FOLLOWING SEQUENCE:**INTRODUCTION****REVIEW OF LITERATURE****NEED/IMPORTANCE OF THE STUDY****STATEMENT OF THE PROBLEM****OBJECTIVES****HYPOTHESIS (ES)****RESEARCH METHODOLOGY****RESULTS & DISCUSSION****FINDINGS****RECOMMENDATIONS/SUGGESTIONS****CONCLUSIONS****LIMITATIONS****SCOPE FOR FURTHER RESEARCH****REFERENCES****APPENDIX/ANNEXURE****The manuscript should preferably range from 2000 to 5000 WORDS.**

12. **FIGURES & TABLES:** These should be simple, crystal **CLEAR, centered, separately numbered** & self explained, and **titles must be above the table/figure. Sources of data should be mentioned below the table/figure.** *It should be ensured that the tables/figures are referred to from the main text.*
13. **EQUATIONS/FORMULAE:** These should be consecutively numbered in parenthesis, horizontally centered with equation/formulae number placed at the right. The equation editor provided with standard versions of Microsoft Word should be utilised. If any other equation editor is utilised, author must confirm that these equations may be viewed and edited in versions of Microsoft Office that does not have the editor.
14. **ACRONYMS:** These should not be used in the abstract. The use of acronyms is elsewhere is acceptable. Acronyms should be defined on its first use in each section: Reserve Bank of India (RBI). Acronyms should be redefined on first use in subsequent sections.
15. **REFERENCES:** The list of all references should be alphabetically arranged. **The author (s) should mention only the actually utilised references in the preparation of manuscript** and they are supposed to follow Harvard Style of Referencing. **Also check to make sure that everything that you are including in the reference section is duly cited in the paper.** The author (s) are supposed to follow the references as per the following:
 - All works cited in the text (including sources for tables and figures) should be listed alphabetically.
 - Use (ed.) for one editor, and (ed.s) for multiple editors.
 - When listing two or more works by one author, use --- (20xx), such as after Kohl (1997), use --- (2001), etc, in chronologically ascending order.
 - Indicate (opening and closing) page numbers for articles in journals and for chapters in books.
 - The title of books and journals should be in italics. Double quotation marks are used for titles of journal articles, book chapters, dissertations, reports, working papers, unpublished material, etc.
 - For titles in a language other than English, provide an English translation in parenthesis.
 - **Headers, footers, endnotes and footnotes should not be used in the document.** However, **you can mention short notes to elucidate some specific point**, which may be placed in number orders after the references.

PLEASE USE THE FOLLOWING FOR STYLE AND PUNCTUATION IN REFERENCES:

BOOKS

- Bowersox, Donald J., Closs, David J., (1996), "Logistical Management." Tata McGraw, Hill, New Delhi.
- Hunker, H.L. and A.J. Wright (1963), "Factors of Industrial Location in Ohio" Ohio State University, Nigeria.

CONTRIBUTIONS TO BOOKS

- Sharma T., Kwatra, G. (2008) Effectiveness of Social Advertising: A Study of Selected Campaigns, Corporate Social Responsibility, Edited by David Crowther & Nicholas Capaldi, Ashgate Research Companion to Corporate Social Responsibility, Chapter 15, pp 287-303.

JOURNAL AND OTHER ARTICLES

- Schemenner, R.W., Huber, J.C. and Cook, R.L. (1987), "Geographic Differences and the Location of New Manufacturing Facilities," Journal of Urban Economics, Vol. 21, No. 1, pp. 83-104.

CONFERENCE PAPERS

- Garg, Sambhav (2011): "Business Ethics" Paper presented at the Annual International Conference for the All India Management Association, New Delhi, India, 19–23

UNPUBLISHED DISSERTATIONS

- Kumar S. (2011): "Customer Value: A Comparative Study of Rural and Urban Customers," Thesis, Kurukshetra University, Kurukshetra.

ONLINE RESOURCES

- Always indicate the date that the source was accessed, as online resources are frequently updated or removed.

WEBSITES

- Garg, Bhavet (2011): Towards a New Gas Policy, Political Weekly, Viewed on January 01, 2012 <http://epw.in/user/viewabstract.jsp>

EQUITY SHARE PERFORMANCE OF AUTO MOBILE INDUSTRY IN BSE**M. NIRMALA****ASSOCIATE PROFESSOR****PG & RESEARCH DEPARTMENT OF COMMERCE****HINDUSTHAN COLLEGE OF ARTS & SCIENCE****COIMBATORE****P. PAVITHRA****RESEARCH SCHOLAR****PG & RESEARCH DEPARTMENT OF COMMERCE****HINDUSTHAN COLLEGE OF ARTS & SCIENCE****COIMBATORE****ABSTRACT**

In the current economic scenario, interest rates are falling and fluctuation in the stock market has put investors in confusion. One finds it difficult to take decisions on investment. This is primarily, because of investments are risky in nature and investors have to consider various factors before investing in investment avenues. These factors include risk, return, volatility of share and liquidity. The main objective of this study is to analyze the performance of equity shares with their benchmark and comparing them by using risk, return, beta and alpha as a parameter. Historical data were taken for calculating risk, return, alpha and beta. In this study, analysis has been done on ranking statement by using monthly performances of index. The time period taken for the study is three months of July, August and September, 2015 and the secondary data have been taken on yearly basis from Bombay Stock Exchange website. The results of the study are expected to be helpful for the investors and researcher who seek the best investment opportunities in each company. This study will guide the new investor who wants to invest in equity by providing knowledge about how to measure the risk and return of particular scrip.

KEYWORDS

mobile industry, investor.

INTRODUCTION

A share market is an open market for fiscal operations such as trading of a firm's share and derivatives at a fixed cost. These securities are further listed on a stock exchange. A share market does not offer any corporal service and is not a separately owned business entity.

Share prices are paid or received while purchasing or selling shares. The behavior of stock prices as well as forecasting the prices of stock help the investor to take decision in the investment market. Investors need to necessarily make their own economic forecasts but they must be able to find out price movements and the economy to invest effectively.

OBJECTIVES OF THE STUDY

The objectives of the present study are given below:

- To find the relationship between the market returns and scrip returns.
- To identify the relationship among selected variables on market price of index at BSE.

NEED FOR THE STUDY

To start any business capital plays major role. Capital can be acquired in two ways by issuing shares or by taking debt from financial institutions or borrowing money from financial institutions. The owners of the company have to pay regular interest and principal amount at the end. Stock is ownership in a company, with each share of stock representing a tiny piece of ownership. In the financial world, ownership is called "Equity". A company can raise more capital than it could borrow. A company does not have to make periodic interest payments to creditors.

SCOPE OF THE STUDY

A better understanding of the stock market will facilitate allocation of financial resources to the most profitable investment opportunity. An analysis on performance of equity shares will enable the investors to make appropriate investment decisions. The study on yearly returns of the stocks is to understand the market conditions. This will help the investors to take correct decision before investing in particular stock. The study also helps the investors to know about the risk and return of the stocks. The conclusions provided is based on the analysis of the data by which the investors can understand more about the market price of the stocks.

REVIEW OF LITERATURE

Edwards, Magee (1997) New universe of available trading and investment instruments must be taken into account. The authors would have been in paradise at the profusion of alternatives. In this future world, they could have traded the Averages (one of the most important changes explored in this book); used futures and options as investment and hedging mechanisms; practiced arbitrage strategies beyond their wildest dreams; and contemplated a candy store full of investment products.

The value and utility of these products would have been immeasurably enhanced by their mastery of the charting world of technical analysis. As only one example, one world-prominent professional trader I know has made significant profits selling calls on stocks he correctly analyzed to be in down trends, and vice versa — an obvious (or, as they say, no-brainer) to a technician, but not something you should attempt at home without expert advice. Techniques like this occasioned the loss of many millions of dollars in the Reagan Crash of 1987.

Barber, Brad M., Terrance Odean (2000) Individual investors who hold common stocks directly pay a tremendous performance penalty for active trading. Overconfidence can explain high trading levels and the resulting poor performance of individual investors. Our central message is that trading is hazardous to your wealth.

It is the cost of trading and the frequency of trading, not portfolio selections, that explain the poor investment performance of households during our sample period. In fact, the tilt of households toward small stocks and, to a lesser extent, value stocks help their performance during our sample period during which small stocks outperform large stocks by 15 basis points per month and value outperforms growth by 20 basis points per month!

Ludovic Phalippou and Maurizio zollo (2005) This study draws on an updated version of KS’s dataset, comprising 983 funds. In addition, this dataset is enriched by information on the performance-related characteristics of 1391 additional funds, which enables us to correct for sample selection bias when estimating performance. Furthermore, as our focus is on performance, we make two methodological contributions that consist of a more economically appealing fund aggregation device and treatment of residual values.

RESEARCH METHODOLOGY

SAMPLING DESIGN

A systematic process that connects all the details of the sampling, right from the determination of sample size for the collection of data.

METHOD OF SAMPLING

Sampling method can be broadly classified as Random or Probability Sampling, where every element of the population enjoys equal chance of being selected into the sample and Non-random or Non-probability sampling where all the elements of the population do not get equal chance of being selected into the sample. The present study adopts the probability sampling.

PERIOD OF STUDY

The study covers a period of 3 months from July, August, and September, 2015.

➤ **BSE AUTO**

- Ashok Leyland Ltd – Commercial Vehicles
- Hero Motocorp Ltd – 2/3 Wheelers
- MRF Ltd – Car and Utility Vehicles
- Maruti Suzuki India Ltd – Car and Utility Vehicles
- Tata motors Ltd – Commercial Vehicles

TOOLS FOR ANALYSIS

BETA

The market or systematic risk of a security is measured in terms of its sensitivity to the market movements. This sensitivity is referred to the security’s beta. Beta is a ratio of the covariance of returns of a security and the market portfolio to the variance of return of the market portfolio.

The main purpose of using beta is to predict the change in the market. Beta is a measure of the market or non-diversible risk associated with any given security in the market. The formula for predicting Beta is as follows:

$$\text{Beta} = \text{Cov} (i, m) / \sigma^2 (m)$$

Where,

Cov (i, m) = covariance of (individual, market)

$\sigma^2 (m)$ = variance of market

If the Beta value is equal to one, the company will move along with the market.

If the Beta value is greater than one, the stock will be more volatile than the market.

If the Beta value is less than one, the stock will be less volatile than the market.

DATA ANALYSIS AND INTERPRETATION

BETA VALUE

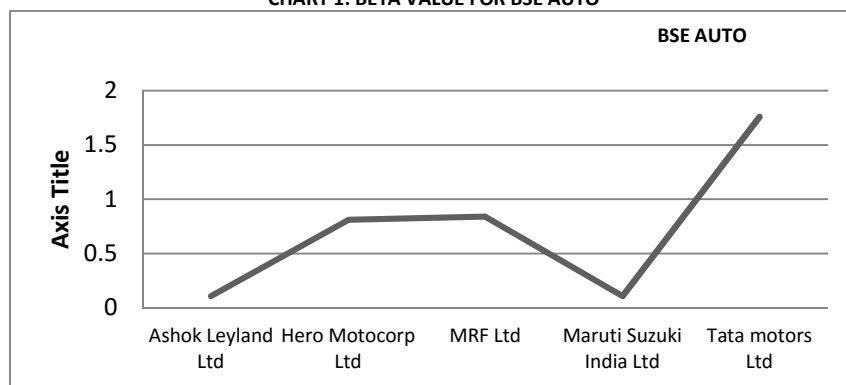
BSE AUTO

TABLE 1: BETA VALUE FOR BSE AUTO

Name of the Company	Beta value
Ashok Leyland Ltd	0.11
Hero Motocorp Ltd	0.81
MRF Ltd	0.84
Maruti Suzuki India Ltd	0.11
Tata motors Ltd	1.76

Source: macroaxis website

CHART 1: BETA VALUE FOR BSE AUTO



Interpretation

Table 1 makes clear that in auto sector, Ashok Leyland Ltd Company and Maruti Suzuki India Ltd has lowest beta value of 0.11 and its holds 1st position which implies less volatile than the market. Hero Motocorp Ltd Company has beta value of 0.81 is and it holds 2nd position. MRF Ltd has beta value of 0.84 and it holds third position. Tata Motors Ltd has highest beta value of 1.76 is found to be more volatile compared to other companies and it holds 5th position. This would be the highest volatile greater than 1.

It is inferred that all the five companies were found to be less volatile since the beta value is lesser than 1. Overall, Ashok Leyland Ltd and Maruti Suzuki India Ltd is found to be less volatile than the market since the beta value is 0.11. So it is less risky to invest in the scrip.

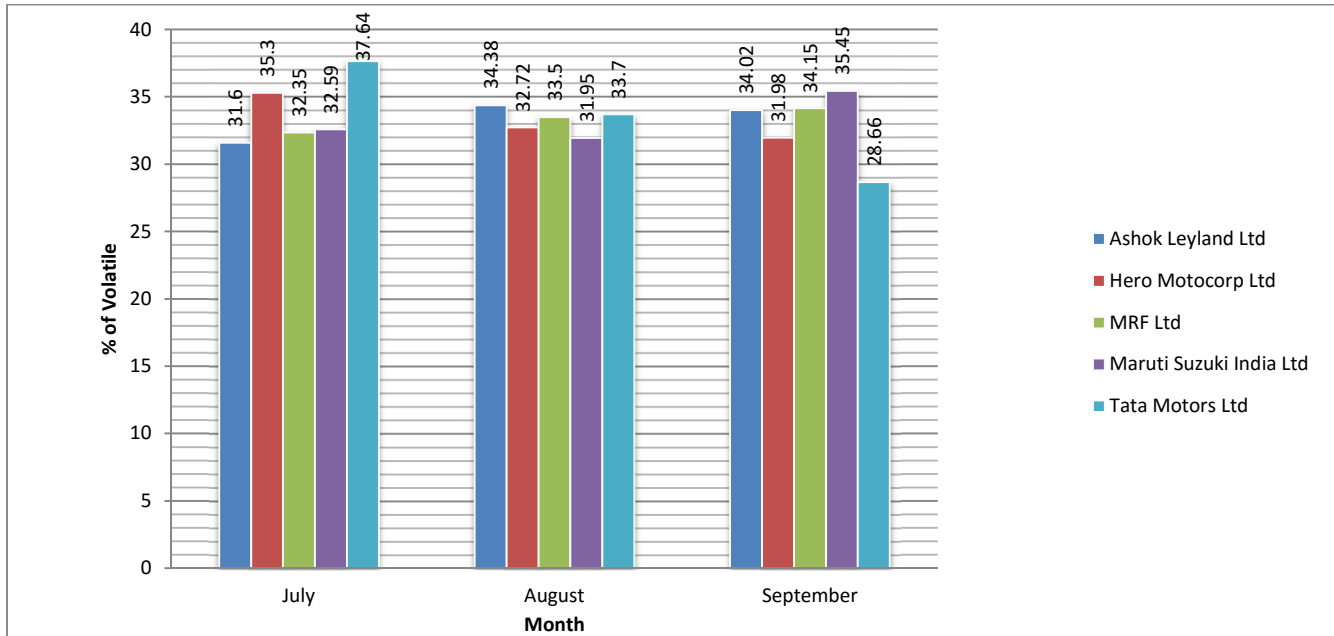
**FLUCTUATION PERFORMANCE
STOCK OPEN VOLATILITY**

TABLE 2: OPENING STOCK VOLATILITY FOR BSE AUTO

Name of the Company	July	August	September
Ashok Leyland Ltd	31.60	34.38	34.02
Hero Motocorp Ltd	35.30	32.72	31.98
MRF Ltd	32.35	33.50	34.15
Maruti Suzuki India Ltd	32.59	31.95	35.45
Tata Motors Ltd	37.64	33.70	28.66

Source: macroaxis website

CHART 2: OPENING STOCK VOLATILITY FOR BSE AUTO



Interpretation

The above chart reveals that from July month onwards Tata Motors Ltd was high in their market value. It holds the 1st position with 37.64% increasing their value. Hero Motocorp Ltd was holding the 2nd position to the market value as 35.30%. Maruti Suzuki India Ltd was holding 3rd position to increasing their market value as 32.59%. MRF Ltd has been increased their value as 32.35% and get 4th place of market. The Ashok Leyland has been holding the last position of the market that valued as 31.60%

From August month onwards Ashok Leyland Ltd has the high performance in the market. It has been holding the 1st position on the market and its value is increasing 34.38%. Tata Motors Ltd has been 2nd position in the market with 33.70% of market value. MRF Ltd increasing their value till 33.50% and holding 3rd position in the market. Hero Motocorp Ltd has been holding the 4th position on the market with 32.72% increasing. The Maruti Suzuki India Ltd was the least position to increasing the market value as 31.95%.

From September month onwards Maruti Suzuki India Ltd has been increasing their share value as 35.45% and its holding the 1st position in the market. MRF Ltd has been increased their market value as 34.15% and holding 2nd position in the market. Ashok Leyland Ltd has been holding 3rd position in the market and its valued as 34.02%. Hero Motocorp Ltd has been moved on their value as at 4th position with increasing 31.98% in the market. The Tata Motors Ltd has been holding the least position in the market at the valued as 28.66% it was holding the 5th position in the market.

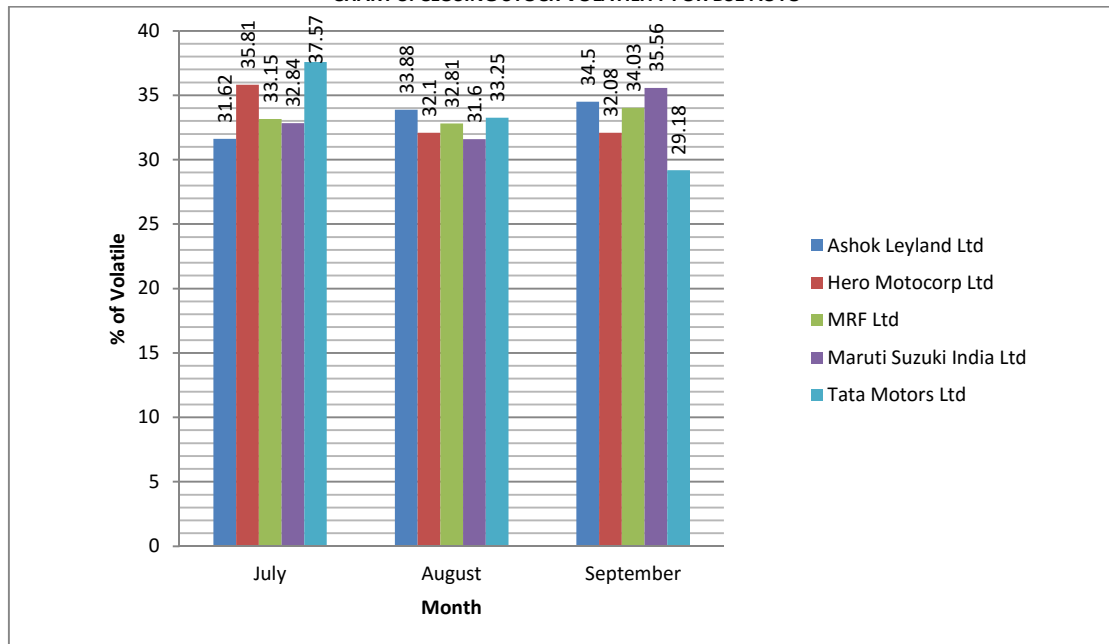
STOCK CLOSE VOLATILITY

TABLE 3: CLOSING STOCK VOLATILITY FOR BSE AUTO

Name of the Company	July	August	September
Ashok Leyland Ltd	31.62	33.88	34.50
Hero Motocorp Ltd	35.81	32.10	32.08
MRF Ltd	33.15	32.81	34.03
Maruti Suzuki India Ltd	32.84	31.60	35.56
Tata Motors Ltd	37.57	33.25	29.18

Sources: macroaxis website

CHART 3: CLOSING STOCK VOLATILITY FOR BSE AUTO

**Interpretation**

From the above chart shows that July month onwards Tata Motors Ltd has closed their market value at 37.57% and it has been holding the 1st position in the market performances. Hero Motocorp Ltd has been holding the 2nd position with increasing their value at 35.81%. MRF Ltd has increased their value up to 33.15% and holding 3rd position in the market. Maruti Suzuki India Ltd has been 4th position in the market at the increasing value of 32.84%. The Ashok Leyland Ltd has been the last position to volatile the share values in the market. It was increased only the 31.62% when the month end closing share value.

From August month onwards Ashok Leyland has been increased their share value at 33.88% when the month closing time. And it has been holding 1st position in the market. Tata Motors Ltd has been holding the 2nd position on the market value as 33.25%. MRF Ltd has increased their value as 32.81% and holding 3rd position in the market. Hero Motocorp Ltd having the market value at 32.10% increasing and holding 4th position in the market. Maruti Suzuki India Ltd has been the least position in the market with the value of 31.60%.

From September month onwards Maruti Suzuki Ltd has been holding the 1st position in the market with the value of 35.56% increasing their month end closing value. Ashok Leyland has been holding the 2nd position in the market with value of 34.50%. MRF Ltd having 34.03% of values increased and holding the 3rd position in the market. Hero Motocorp Ltd has been holding the 4th position in the market with the value of 32.08%. Tata Motors Ltd has been the least position when the closing time of the market. It was increased only 29.18% on the market performances.

FINDINGS

- In order to find the risk level based on the beta values, all the five companies were found to be less volatile since the beta value is lesser than 1. Overall Ashok Leyland Ltd & Maruti Suzuki India Ltd is found to be less volatile than the market during the study period since the beta value is 0.11.
- Regarding opening stock volatility, In July month Tata Motors Ltd ranks top value of 37.64% among the five companies. And August month Ashok Leyland ranks top value of 34.38% and September month Maruti Suzuki Ltd ranks top value of 35.45%.
- Regarding closing stock volatility, In July month Tata Motors Ltd ranks top value of 37.57% among the five companies. And August month Ashok Leyland ranks top value of 33.88% and September month Maruti Suzuki Ltd ranks top value of 35.56%.

SUGGESTIONS

- Investors shall analyze mean returns of the past to understand the behavior of the market for future investments.
- Our Indian capital market is attracting more and more foreign institutional investors because of economic stability an increasing growth rate, it leads to gradual increase in the stock market indices.
- The fluctuations in the market returns are the replica of individual scrip's traded in the capital market.

CONCLUSION

An investor can succeed in his investment only when he invests in right shares. The investors should watch keenly the situations like market prices, economy, company reports, return, and risk involved before taking the investment decision. Therefore, the small investors and traders should not blindly make an investment rather they should analyze using the various tools to check if the scrip is technically strong.

REFERENCES

1. Arora S.M. Charter Financial Analyst (Jan. 2008)-Information about various analytical tools is given. pp56-62.
2. Assel K.R.Icfai Reader July 2006-Information about the volatility trend in stock market.
3. Banz,R.W; Relationship between Return and Market Value of Common Stocks, Journal of Finance, Vol.9 pp3-18
4. Barber, Brad M., Terrance Odean (2000). "Trading is hazardous to your wealth: The common stock investment performance of individual investors". Journal of Finance, 55, p 773- 806.
5. Berla R.K. (2006), Indian journal of commerce 30-growth of stock market in india pp42-45
6. Edwards, Magee (1997) "Technical Analysis of Stock Trends". Eighth edition, Boston: John Magee Inc:1997, p 3-15.
7. Eugene F.Fama (1965). "The Study of Stock Prices". Journal of Business, January 1965 Ahuwallia M.S(2005) Southern Economist-Portfolio performance of equity shares in stock market pp35-38
8. Keim, D. B. and R. Stambaugh, 1986, Predicting returns in the stock and bond markets, Journal of Financial Economics 17, 357-390.
9. Ludovic Phalippou and Maurizio zollo (2005), "The Performance of private equity funds". Journal of Finance 17, p 357-390, 360p.

WEBSITES

10. www.bseindia.com
11. www.economicstimes.com
12. www.moneycontrol.com

REQUEST FOR FEEDBACK

Dear Readers

At the very outset, International Journal of Research in Commerce, IT & Management (IJRCM) acknowledges & appreciates your efforts in showing interest in our present issue under your kind perusal.

I would like to request you to supply your critical comments and suggestions about the material published in this issue, as well as on the journal as a whole, on our e-mail infoijrcm@gmail.com for further improvements in the interest of research.

If you have any queries, please feel free to contact us on our e-mail infoijrcm@gmail.com.

I am sure that your feedback and deliberations would make future issues better – a result of our joint effort.

Looking forward to an appropriate consideration.

With sincere regards

Thanking you profoundly

Academically yours

Sd/-

Co-ordinator

DISCLAIMER

The information and opinions presented in the Journal reflect the views of the authors and not of the Journal or its Editorial Board or the Publishers/Editors. Publication does not constitute endorsement by the journal. Neither the Journal nor its publishers/Editors/Editorial Board nor anyone else involved in creating, producing or delivering the journal or the materials contained therein, assumes any liability or responsibility for the accuracy, completeness, or usefulness of any information provided in the journal, nor shall they be liable for any direct, indirect, incidental, special, consequential or punitive damages arising out of the use of information/material contained in the journal. The journal, neither its publishers/Editors/ Editorial Board, nor any other party involved in the preparation of material contained in the journal represents or warrants that the information contained herein is in every respect accurate or complete, and they are not responsible for any errors or omissions or for the results obtained from the use of such material. Readers are encouraged to confirm the information contained herein with other sources. The responsibility of the contents and the opinions expressed in this journal are exclusively of the author (s) concerned.

ABOUT THE JOURNAL

In this age of Commerce, Economics, Computer, I.T. & Management and cut throat competition, a group of intellectuals felt the need to have some platform, where young and budding managers and academicians could express their views and discuss the problems among their peers. This journal was conceived with this noble intention in view. This journal has been introduced to give an opportunity for expressing refined and innovative ideas in this field. It is our humble endeavour to provide a springboard to the upcoming specialists and give a chance to know about the latest in the sphere of research and knowledge. We have taken a small step and we hope that with the active co-operation of like-minded scholars, we shall be able to serve the society with our humble efforts.

Our Other Journals

