# INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE & MANAGEMENT



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.

The American Economic Association's electronic bibliography, EconLit, U.S.A.,

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 4255 Cities in 176 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.	TREND AND GROWTH IN MARKET VALUE ADDED AND TOBIN'S Q MODEL OF SELECTED COMPANIES IN TAMIL NADU M.C.T. SHANMUGAPRIYA & DR. C. VETHIRAJAN	1				
<b>2</b> .	INFLUENCE OF PROCEDURAL JUSTICE PERCEPTIONS ON COMMITMENT OF EMPLOYEES IN HEALTH SECTOR NON-GOVERNMENTAL ORGANIZATIONS IN KENYA PATRICK M. GICHIRA, DR. SUSAN, M WERE & GEORGE O. ORWA					
3.	IMPACT OF JOB ROTATION ON EMPLOYEE COMMITMENT AND JOB INVOLVEMENT IN BANKING SECTOR OF SIVAGANGA DISTRICT R. R. MAHALAKSHMI & DR. K. UTHAYASURIYAN					
4.	INSURANCE AS SOURCE OF INFRASTRUCTURE FINANCING IN INDIA: A STUDY DR. S. HARI BABU & DR. K.V.V.MURALI SOMESWARA RAO	16				
5.	A STUDY ON NEW DIMENSIONS OF TDS ON FIXED DEPOSITS, RECURRING DEPOSITS ACCOUNTS PARTICULARLY ON COOPERATIVE BANKS OF INDIA VIDYA SHREE D V & DR. PRALHAD RATHOD	24				
6.	GROWTH OF REAL ESTATE BUSINESS IN MYSORE (MYSURU): A TIME SERIES ANALYSIS PRUTHVI K N, SRI RAJINI & DR. SRIDHARA MURTHY L	28				
7.	CUSTOMER SATISFACTION IN MARKETING S. KANNADASAN & DR. D. ARAVAZHI	33				
8.	RELATIONSHIP BETWEEN DIVIDEND POLICY AND SHARE PRICE	35				
9.	PREFERENCE OF CUSTOMERS FOR BANKING SELF-SERVICE TECHNOLOGIES TARANNUM	41				
<b>10</b> .	HR ANALYTICS: ITS USE, TECHNIQUES AND IMPACT SHILPI NARULA	47				
11.	CONSTRAINTS AND OPPORTUNITIES FACING WOMEN ENTREPRENEURS IN DEVELOPING COUNTRIES KINJAL PATEL	53				
<b>12</b> .	FOREIGN DIRECT INVESTMENT IN INDIA	56				
<b>13</b> .	CONCERNS IN ORGANIZATIONAL CLIMATE: RESEARCH PERSPECTIVES OF INDIAN BANKING SECTOR NEHA GUPTA	60				
14.	WOMEN ENTREPRENEURSHIP IN PALAKKAD DISTRICT DEEPIKA C	64				
<b>15</b> .	CORPORATE SOCIAL RESPONSIBILITY PRACTICES IN INDIAN BANKING INDUSTRY DAROGA MANJHI					
<b>16</b> .	A STUDY ON WORK STRESS OF SECONDARY SCHOOL TEACHERS IN VIZIANAGARAM CITY, AP, INDIA ANURADHA. N, SWARNA LATHA. P & TAMMI NAIDU. G	69				
17.	RELATIONSHIP BETWEEN CORPORATE SOCIAL RESPONSIBILITY AND CONSUMER BEHAVIOUR SHANU JAIN	76				
<b>18</b> .	FDI INFLOWS INTO THE GREECE DURING 1971-2013: TREND ANALYSIS V.LEKHA	79				
<b>19</b> .	DEMAND AND SCOPE FOR GREEN MARKETING SYED MOHD MURTUZA BUKHARI	90				
20.	A STUDY OF USE AND IMPACT OF INTERNET BANKING ON CUSTOMER SATISFACTION LEVEL (WITH SPECIAL REFERENCE TO UDAIPUR DISTRICT) DR. ASHISH SHRIMALI	92				
	REQUEST FOR FEEDBACK & DISCLAIMER	95				

**INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE & MANAGEMENT** A Monthly Double-Blind Peer Reviewed (Refereed/Juried) Open Access International e-Journal - Included in the International Serial Directories

## 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 FormerVice-President, Dadri Education Society, Charkhi Dadri FormerPresident, Chinar Syntex Ltd. (Textile Mills), Bhiwani

### FORMER CO-ORDINATOR

DR. S. GARG Faculty, Shree Ram Institute of Business & Management, Urjani

## <u>ADVISORS</u>

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., HaryanaCollege of Technology & Management, Kaithal PROF. S. L. MAHANDRU Principal (Retd.), MaharajaAgrasenCollege, 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, YanbuIndustrialCollege, Kingdom of Saudi Arabia PROF. SANJIV MITTAL

UniversitySchool of Management Studies, GuruGobindSinghI. P. University, Delhi PROF. ANIL K. SAINI

Chairperson (CRC), GuruGobindSinghI. P. University, Delhi

### **DR. SAMBHAVNA**

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

### DR. MOHENDER KUMAR GUPTA

Associate Professor, P.J.L.N.GovernmentCollege, 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 Information Technology, Amity School of Engineering & Technology, Amity

University, Noida

**PROF. V. SELVAM** 

SSL, VIT University, Vellore

**PROF. N. SUNDARAM** 

VITUniversity, Vellore

### **DR. PARDEEP AHLAWAT**

Associate Professor, Institute of Management Studies & Research, MaharshiDayanandUniversity, Rohtak DR. S. TABASSUM SULTANA

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

Asst. Professor, University Business School, Guru Nanak Dev University, Amritsar

## 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 <u>M.S. Word format</u> after preparing the same as per our **GUIDELINES FOR SUBMISSION**; at our email address i.e. <u>infoijrcm@gmail.com</u> or online by clicking the link **online submission** as given on our website (<u>FOR ONLINE SUBMISSION, CLICK HERE</u>).

### 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		Sec. 201
Designation	:	N 10 - 18 / -
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. **<u>pdf. version</u>** 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 <u>BRITISH ENGLISH</u> prepared on a standard A4 size <u>PORTRAIT SETTING PAPER</u>. 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:



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

#### **GROWTH OF REAL ESTATE BUSINESS IN MYSORE (MYSURU): A TIME SERIES ANALYSIS**

### PRUTHVI K N STUDENT DEPARTMENT OF MANAGEMENT AND COMMERCE AMRITA SCHOOL OF ARTS AND SCIENCES MYSORE

### SRI RAJINI VICE CHAIRMAN DEPARTMENT OF MANAGEMENT AND COMMERCE AMRITA SCHOOL OF ARTS AND SCIENCES MYSORE

### DR. SRIDHARA MURTHY L PROFESSOR DEPARTMENT OF MANAGEMENT AND COMMERCE AMRITA SCHOOL OF ARTS AND SCIENCES MYSORE

#### **ABSTRACT**

Real estate business is one of the core businesses in fast developing cities, but it is too challenging business as well. Scarcity of land has resulted in accelerating prices of land with every passing day. As a result of this changed economic environment, Real Estate business is becoming a very attractive business proposition. Mysuru is one of the fast growing cities and 3<sup>rd</sup> largest city in Karnataka. The increased importance of Tier 2 cities like Mysuru in the overall economic scene of the country has made real estate business even more attractive. The increasing number of industrial units setting their bases in this City has resulted in increased demand for land – both industrial and housing. As a result growth of Real Estate business in Mysuru has reached new peak. In this paper the focus is to analyze the growth of real estate business between 2010 to 2015 using time series data. For this purpose, secondary data collected from sub-register office south zone in Mysuru city will be collected and data analyzed. The focus will also be on analyzing the changing nature of real estate in the city. Based on the findings of the study, suitable observations and recommendation will be made on whether the real estate business growth is in the right direction promoting the overall development of the city or whether any correction or regulation is needed.

#### **KEYWORDS**

Real estate, Tier 2 cities, Time Series Analysis.

#### **1.0 INTRODUCTION**

ysuru, the city of palaces, is witnessing tremendous growth from the past few years. On the Bangalore-Mysuru corridor, software giant Infosys has already come up with its training center, while Wipro has finalized the site for its development facility. Mphasis, the first American corporation, Accenture, IBM, Cognizant Technologies and Honeywell are some of the others, who are following these Indian companies. It is not just the IT companies, but other prestigious companies like S Kumars, Kirloskars Gensets, VenIonPolysters, Reid and Taylor, Lassen and Tourbo and Bharath Earth Movers have also a firm foothold in the city from the past many years.

Mysuru is one of the most preferred residential locations in Karnataka. Interestingly, even the residents of Bangalore are finding it comfortable to work in Bangalore yet stay in Mysuru. Even, it is reasoned that a distance of 140 kilometers between Bangalore and Mysuru takes lesser time to cover than hourslong grueling in the Bangalore traffic. Since the time of the construction of Outer Ring Road (ORR), Mysuru urban area has gained land value not only in the central areas but all around the city. Currently, however the real estate market has been hit badly due to the global recession with many cities such as Bangalore, Mysuru, Mangalore and Hubli–Dharwad having very scarce property buyers.

#### **DEFINITION OF REAL ESTATE AND ITS TYPES**

**Definition:** Property comprised of land and the buildings on it as well as the natural resources of the land including uncultivated flora and fauna, farmed crops and livestock, water and minerals; immovable property of this nature; an interest vested in this (also) an item of real property;(more generally) buildings or housing in general. Also: the business of real estate :the profession of buying or renting land, buildings or housing. (reference: em.m.wikipedia.org) **TYPES OF REAL ESTATE** 

There are 3 major types of real estate:

- 1. **Residential** This includes both new construction and resale homes. The most common category is single-family homes, but there are also condominiums, coops, townhouses, duplexes, triple-deckers and quadplexes, high-value homes and vacation homes.
- 2. **Commercial Real Estate** This is shopping centers and strip malls, hotels and offices including medical and educational buildings. Apartment buildings are often considered commercial, even though they are used for residences, because they are owned by businesses to produce income. Here's more on Commercial Real Estate.
- 3. Industrial These are manufacturing buildings and property, as well as warehouses. The buildings can be used for research, production, storage and distribution of goods. This is sometimes considered commercial real estate, even though the zoning, construction and sales are handled differently.

#### THE MOST IMPORTANT FACTORS FOR INVESTING IN REAL ESTATE

#### I. LOCATION OF THE PROPERTY

Why is it important? The age old punch line "Location, Location" still rules and remains the most important factor for profitability in real estate investment. Proximity to amenities, peaceful conforming areas, neighborhood status, scenic views, etc. are major factors for residential property valuations; while proximity to markets, warehouses, transport hubs, freeways, tax-exempt areas, etc. play an important role for commercial property valuations. What to look for? A mid-to-long term view, about how the locality is expected to evolve over the investment period. Today's peaceful open land at the back of a residential building may be developed into a noisy manufacturing facility in future, making the residential valuations less profitable.

#### **II. VALUATION OF THE PROPERTY**

Why is it important? Real estate financing during purchase, listing price during sale, investment analysis, insurance premium and taxation - all depend on Real estate valuation.

What to look for? Commonly used Valuation Methodologies include:

- Sales comparison approach: Recent comparable sales of properties with similar characteristics -most common and suitable for both new & old properties
- Cost Approach: All cost summation minus depreciation suitable for new construction
- Income approach: Based on expected cash inflows suitable for rentals

#### **III. INVESTMENT PURPOSE**

Why is it important? Given the low liquidity and high value investment in real estate, lacking clarity on purpose may lead to unexpected results including financial distress, especially if the investment is mortgaged.

What to look for? Identify which of the following broad categories suits your purpose and prepare yourself accordingly:

- 1. Buy & Self-use: Savings on rentals, benefit of self-utilization and value appreciation.
- 2. Buy & Lease: Regular Income & long term value appreciation. Requires building a temperament of being a landlord for handling possible disputes & legal issues, managing tenants, repair work, etc.
- 3. Buy & Sell (Short Term): Quick, small to mediocre profit usually buying under construction properties and selling slightly high once ready
- 4. Buy & Sell (Long Term): Large intrinsic value appreciation over long period of time; solution for long term aims like retirement planning, child's education, etc.

#### **IV. EXPECTED CASH FLOWS & PROFIT OPPORTUNITIES**

Why is it important? The investment purpose & usage influences cash flows and hence profit opportunities.

- What to look for? Develop draft projections for the following modes of profit & expenses:
- Expected cash flow from rental income Inflation favours landlords for rental income
- Expected increase in intrinsic value due to long term price appreciation
- Benefits of depreciation (and available tax benefits)
- Cost benefit analysis of renovation before sale to get better price
- Cost benefit analysis of mortgaged loans v/s value appreciation

#### V. BE CAREFUL WITH LEVERAGE - KNOW THE PITFALLS

Why is it important? Loans are convenient but may come at a big cost - you commit your future income, to get utility today for a cost of interest spread across many years. Real estate financing needs higher amounts and hence has higher exposures. Understanding it properly allows you to benefit from it to the maximum, while ignoring the risks can lead to major pitfalls.

The above points shows what important factors we have to consider before investing in real estate. The following analysis helps to know why the Mysuru is best place for real estate investment, what are advantages from investing in Mysuru and growth rate.

#### 1.1 ABOUT INDIAN REAL ESTATE BUSINESS:

In India the mood is upbeat after the IT boom; it is witnessing the real estate boom. The rising income and the enterprising middle class, who want to own a home of their own, are responsible for this boom. With the availability of home loans and liberalization policy of the government the dream of owning a home is fast turning into a reality.

The Indian real estate market has seen a sharp upturn in the recent years. Even when the world economy was reeling from the aftershock of the huge recession that hit hard even some of the largest & leading economy, the Indian real estate market remained immune to the downturn that was seen in almost every other sector. The real estate sector witnessed and is still getting investment from a large number of investors of both India and abroad. It has been a golden harvest even in this turbulent financial market. For most investors, real estate has been a refuge from the burn most bear due to the downturn in almost every other sector.

The question arises what kept the real estate such a prosperous option even during a time when every other investment option seemed such a huge risk. Studies have revealed the transparency in the way the real estate sector works and the strong legal rules guiding almost every aspect governing investments in this sector has made it a great option for the investors. With India becoming one of the major targets for the Foreign Direct Investors, the need for new property is on the rise. People need more residential complexes, places to build shopping malls, offices, industries, and even agricultural lands. And they need these in proper locations which will benefit the business. Thus the demand for real estate properties at some of the key locations within the country skyrocketed within a few years.

India today is a fast growing economy and almost 50% of the population comprises of the young, dynamic generation. As they establish themselves in the society, their requirements also increase. From tourism department to hospitality, all are grabbing the opportunity. The high income younger generation today is their primary target. Thus, demand for real estate is also on the rise. Space is required for hotels, restaurants, leisure activity zones, etc.

Residential complexes, beautiful shopping malls, commercial buildings are springing up in almost all major areas of the cities. Even the NCR region is witnessing extraordinary growth and development. This growth has helped the real estate companies to serve national and international clients. Most of the companies deal in renting, construction, buying and selling real estate. The major players in the builders and promoters sector are Aggarwal estate, Cheloor Property Development Projects Limited, Classic Group etc. The DLF Group and the Sahara group are real estate companies that are building housing complexes and townships in different parts of the country.

#### **1.2 REAL ESTATE BUSINESS IN KARNATAKA**

Karnataka is a state in South West India. It was formed on 1 November 1956, with the passage of the States Reorganization Act. Originally known as the State of Mysuru, it was renamed Karnataka in 1973. The capital and largest city is Bengaluru. Karnataka is bordered by the Arabian Sea and the Laccadive Sea to the west, Goa to the north west, Maharashtra to the north, Telangana to the North east, Andhra Pradesh to the east, Tamil Nadu to the south east, and Kerala to the south west. The state covers an area of 191,976 square kilometres, or 5.83 per cent of the total geographical area of India. It is the seventh largest Indian state by area. With 6,11,30,704 inhabitants at the 2011 census, Karnataka is the eighth largest state by population, comprising 30 districts.

The state has three principal geographical zones:

1. The coastal region of Karavali.

2. The hilly Malenadu region comprising the Western Ghats.

3. The Bayaluseeme region comprising the plains of the Deccan plateau.

The bulk of the state is in the Bayaluseeme region, the northern part of which is the second-largest arid region in India. The highest point in Karnataka is the Mullayanagiri hills in Chickmagalur district which has an altitude of 1,929 metres. Some of the important rivers in Karnataka are Kaveri, Tungabhadra, Krishna, Malaprabha and the Sharavathi.

Karnataka is one of the high economic growth states in India with the expected GSDP (Gross State Domestic Product) growth of 8.2% in the fiscal year 2010– 2011.The total expected GSDP of Karnataka in 2010–2011 is about Rs.2719.56 billion. Per capita GSDP during 2008–2009 was US\$1034.9. Karnataka recorded the highest growth rates in terms of GDP and per capita GDP in the last decade compared to other states. In 2008–09, the tertiary sector contributed the most to the GSDP amounting to US\$31.6 billion (55 percent), followed by the secondary sector, contributing US\$17 billion (29 percent), and the primary sector's contribution amounting to US\$9.5 billion (16 percent). With an overall GDP growth of 56.2% and a per capita GDP growth of 43.9% in the last decade, Karnataka surpassed all other states in India, pushing Karnataka's per capita income in Indian Rupee terms to sixth place. Karnataka received US\$2,026.4 million worth of Foreign Direct Investment for fiscal year 2008–09 placing it at third spot among states in India.At the end of 2004, the unemployment rate of Karnataka was 4.57% compared to a national rate of 5.99%.For the fiscal year 2006–07 the inflation rate of Karnataka was 4.4% which was less than the national average.

#### VOLUME NO. 6 (2015), ISSUE NO. 08 (AUGUST)

The tremendous growth of Karnataka with numerous marketing and manufacturing industries has made it a perfect destination for commercial activities. The world class infrastructure and ideal business environment have provided an edge to the real estate of Karnataka. Over the few decades, Bangalore has emerged as an IT hub of India, thus attracting large number of industries to set up commercial real estate in Karnataka. Sudden upsurge in commercial real estate has also given a boost to the number of immigrants looking for affordable residential property.

Splendid lifestyle and simplicity of the country side make Karnataka an exciting place to inhabit. Therefore, the demand for property in Karnataka is soaring new heights. The impact of the current economic boom is clearly visible on the Karnataka real estate segment and is showing positive future prospects in budding sector of Karnataka properties. For owing a commercial property or residential real estate in Karnataka some sort of help is required, which is available through local property dealers and brokers.

#### **RESEARCH DESIGN AND DATA ANALYSIS**

The topic of study on "Growth of real estate business in Mysuru" time series analysis is based on both primary data and secondary data.

PRIMARY DATA

1. Data collected from sub- registered office.

#### SECONDARY DATA

- 1. Information collected from websites.
- 2. Articles
- 3. Magazines
- 4. News papers

#### **OBJECTIVE OF THE STUDY**

The main objectives of study are as follows:

- To analyze the current position of real estate business in Mysuru.
- To analyze real estate investment opportunities in Mysuru.
- To analyze the how investors are benefited from investing in real estate business in Mysuru.

#### SCOPE OF THE STUDY

The study was mainly concentrated on only Mysuru. In this analysis price trends of 2010 and the current ones are taken for purpose of study and remaining 2011-12, 2012-13 and 2013-14 price trend is extrapolated on the basis of 201-11 and current year price trend.

#### DATA ANALYSIS AND INTERPRETATION

#### METHODS USING IN ANAYSIS

1. Due to the unavailability of three years price trend data (2011-12, 2012-13 and 2013-14) am extrapolating that data on basis of available two years data of 2010-11 and 2014-15.

2. The whole Mysuru real estate divided into 5 major divisions as follows:

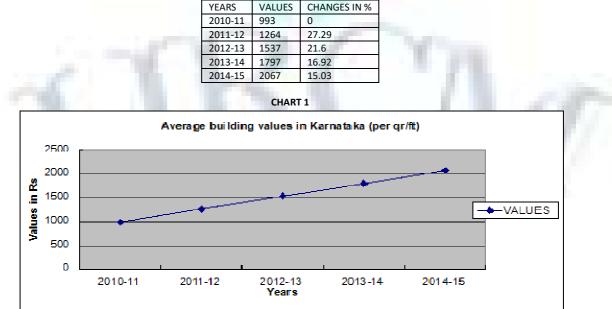
- K R MOHALLA (it is having around 63 sub-divisions)
- CHAMARAJA MOHALLA ( it is having around 168 sub-divisions))
- DEVARAJA MOHALLA ( it is having around 138 sub-divisions)
- KILLE MOHALLA ( it is having around 91 sub-divisions)
- V V MOHALLA (it is having around 24 sub-divisions)

#### OTHER METHODS ARE

- Average value of real estate market value in Mysuru
- = average value of all divisions / number of divisions.
- 1) Average value of each division
- = average value of total areas / number of areas.
- Average value of each area
- = Total value of residential, commercial, mosaic and marbels / 04

The following table shows average value of building (per sq/ft) followed by overall Karnataka. (following values include average value of ground floor and top floors building values)

#### TABLE NO. 01: AVERAGE VALUES OF BUILDING IN KARNATAKA (PER SQ/FT)



#### VOLUME NO. 6 (2015), ISSUE NO. 08 (AUGUST)

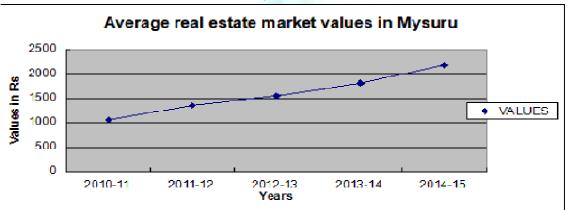
The above chart shows how real estate values of buildings increasing year by year. Its shows continuous growth since 2010-2011 to till 2014-2015. The % of growth is decreasing but a value of buildings keeps increasing. From 2010-11 to 2011-12 around 27% value increased compare to 2010-11 as same as 21.6%, 16.92% and 15.03% value increased last three years simultaneously. In the year 2010-11 the value of building was in Karnataka Rs 993 and in 2014-15 its increased to Rs 2067. Whole picture shows Karnataka having a good growth in real estate. Since last five year average 20.21% value of real estate growth happens in Karnataka.

The following table shows average real estate market values since 2010-11 to 2014-15.( the average values include residential, commercial, mosaic and marbels average.)

TABLE NO. 02: AVERAGE REAL ESTATE MARKET VALUES IN MYSORE (PER SQ/FT)

YEARS	VALUES	Growth rate in %		
2010-11	1052	0		
2011-12	1362	29.47		
2012-13	1554	14.1		
2013-14	1810	16.47		
2014-15	2185	20.72		

CHART 1

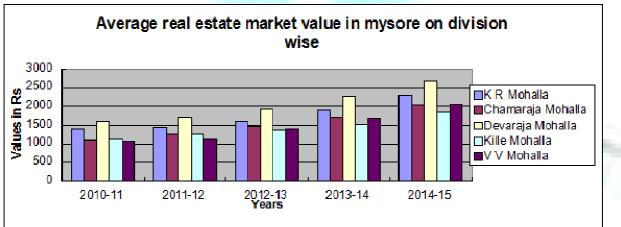


The above chart show how the Mysuru real estate values increasing year by year. In 2010-110 average value was 1052 rs per sq/ft and its increased around 1133 rs per sq/ft since last five years. The present average real estate market value is Rs 2185 in Mysuru. Mysuru having a well growth its shows by % of growth, in the year 2011-12 Mysuru had 29.47% growth, in the year 2012-13,2013-14 and 2014-15 Mysuru had a growth of 14.1, 16.47 and 20.72% simultaneously.

0. 03: AVERAGE REAL ESTATE MARKET VALUES IN MITSURU ON DIVISION WISE (PE								
		2010-11	2011-12	2012-13	2013-14	2014-15		
	K R Mohalla	1376	1450	1600	1900	2300		
	Chamaraja Mohalla	1091	1250	1480	1700	2041		
	Devaraja Mohalla	1595	1720	1930	2280	2664		
	Kille Mohalla	1118	1260	1370	1520	1849		
	V V Mohalla	1079	1130	1390	1680	2071		

#### TABLE NO. 03: AVERAGE REAL ESTATE MARKET VALUES IN MYSURU ON DIVISION WISE (PER SQ/FT)

CHART 3



The above chart and table shows how real estate market values increasing in each division wise. As the above chart Devaraja mohalla having a tremendous growth and kille mohalla having least growth in Mysuru. Since last 5 year Devaraja mohalla division having a highest growth of Rs 1069 and kille mohalla division having least growth of Rs 731. Each division having a well growth and Devaraja mohalla division having a highest average real estate value of Rs 2664 and kille mohalla having a least real estate value of Rs 1849 in Mysuru city.

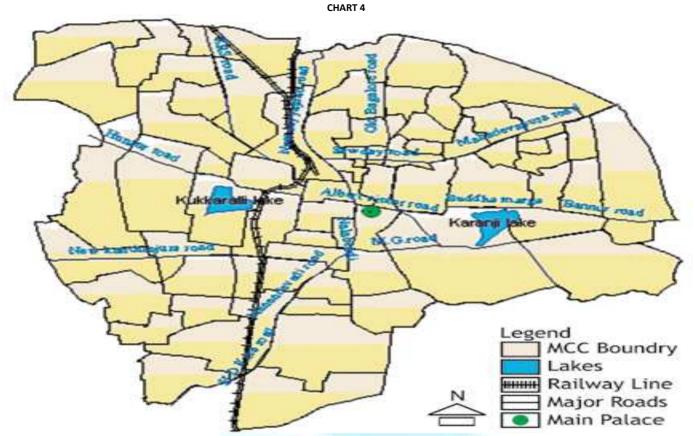
In the Mysuru, Devaraja Urs Road having a highest average real estate market value of Rs 11460 (per sq/ft) its comes under Devaraja mohalla division. Railway workers colony having a least average market value of Rs 880 (per sq/ft) its comes under kille mohalla division.

#### WHY INVEST IN REAL ESTATE IN MYSURU?

Mysuru, the second largest city of Karnataka, is located at a distance of around 143 km's from Bangalore. There have been several names given to the city including City of Palaces, Garden City, City of Yoga, Ivory City as well as the Cultural Capital of Karnataka. The city boasts of traditional and royal heritage in spite of the many developments in the IT and various other sectors.

#### VOLUME NO. 6 (2015), ISSUE NO. 08 (AUGUST)

Mysuru has been involved in many industries and has gained huge profits. One of the events that contributes to Mysuru economic development is tourism. The main reason for the increasing growth of the city is due to the emergence of many software, IT and BPO companies in the city.



Due to the increasing industrial growth in the industrial sector there also has been a great development in the construction of residential buildings. There are various developers and builders who are investing in big projects which include residential townships, gated communities as well as apartments. Not only in Mysuru there are many builders and developers from various cities investing in Mysuru. There are many Indian as well as foreign investors who are taking up initiatives in the implementation of Residential Projects.

#### HIGH BENEFITS FOR THOSE INVESTING IN MYSURU

- Four-lining the State highway and doubling the railway links between Mysuru and Bangalore has indeed worked wonders for the Sandalwood city. With drastic reduce in the travel time between the two cities, real estate and other industries are flourishing to a large extent in Mysuru.
- Lots of residential projects and industries are planted along the Bangalore-Mysuru highway and still more are in pipeline.
- Government has earmarked many industrial estates starting from Bidadi to Mysuru for development along State highway and railway track, running parallel to each other. Bidadi, located on the Bangalore-Mysuru highway is home for many large automobile clusters.
- Occupying a giant size of 432 acres, Toyota Kirloskar Motor Corporation has its manufacturing base here with its ancillary manufacturers and auto suppliers
  owning more than 250 acres in Bidadi. All the phenomenal industrial growth here is mainly credited to the automotive sectors set up here. This
  development is expected to continue as the existing auto majors are more likely to attract other auto manufacturers.
- Apart from the auto manufacturing industries, Metal and engineering, electronics, cola factory, textile, telecommunications, furniture and interiors, packaging, fabrication and packaging are the other industries that are located here.
- To construct new manufacturing units in Bidadi, Bosch has bought 97 acres of land and is planning to relocate in two phases.
- The unique factor about the industrial growth in Mysuru is the fact that developers will be able to easily identify over 6,000 acres of land in a stretch, which might not be possible in other cities as the industrial areas there are more likely to be scattered in various pockets. An addition of 2,500 acres of land is soon expected in Belagola, Manuganahalli, Koorgalli and H D Kote Road.

Overthrowing its earlier name as a pensioner's paradise, Mysuru is now blossoming in every field. All credits to the increased connectivity developments with Bangalore! People now find Mysuru very attractive not only to do business buts also to move in. With excellent employment opportunities and boosting the local economy, Mysuru investors now one of the best options to buy a property, be it residential or commercial for all the .

#### CONCLUSION

In this article i would like to show the current real estate business position in Mysuru. Here am not trying to motivating or approaching anyone to investing in real estate business, because each and every business having their own risk and uncertainty. Before investing in any business, the investor should having proper knowledge about business, pre estimation and planning is necessary. Here I would like to share my knowledge through this article. I hope this article will may be helpful to investors who are interested investing in real estate business in Mysuru.

#### REFERENCES

- 1. Corporation of the City of Mysore (2014) Housing, Mysore City Corporation, Corporation of the City of Mysore, Mysore
- 2. Mysore Urban Development Authority (2014) Comprehensive Development Plan, Mysore Urban Development Authority, Mysore.

#### WEBSITES

- 3. em.m.wikipedia.org
- 4. http://www.investmentmedia.in
- 5. http://www.jnnurm.Mysorecity.gov.in.
- 6. http://www.Mysoreclick.in.

## **REQUEST FOR FEEDBACK**

### **Dear Readers**

At the very outset, International Journal of Research in Commerce & 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 youhave 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 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.

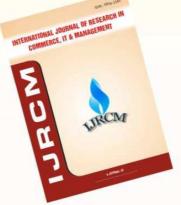
### **ABOUT THE JOURNAL**

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 cooperation of like-minded scholars, we shall be able to serve the society with our humble efforts.

Our Other Fournals







INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE & MANAGEMENT A Monthly Double-Blind Peer Reviewed (Refereed/Juried) Open Access International e-Journal - Included in the International Serial Directories http://ijrcm.org.in/

I