

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

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 3480 Cities in 174 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/

ii

CONTENTS

| Sr. No. | TITLE & NAME OF THE AUTHOR (S) | | | | |
|-------------|--|-----|--|--|--|
| 1. | ENVIRONMENTAL INFLUENCES AND ENTREPRENEURSHIP DEVELOPMENT: THE NIGERIAN ECONOMY PERSPECTIVE ANIETIE E. EFI & ETIM, E. OSIM | | | | |
| 2. | EMPLOYEES' SOCIAL FULFILMENT UPLIFTING ORGANIZATIONAL URGENCIES IN VERSATILE BUSINESS SCENARIOS K PRADEEP KUMAR & DR. S SUMAN BABU | | | | |
| 3 . | SERVICE QUALITY IN SUPER MARKETS: A STUDY OF CONSUMERS SATISFACTION IN APPAREL RETAILING J. JAYANTHI & DR. B. BASKARAN | | | | |
| 4. | ORGANIC COTTON INDUSTRY: A CASE OF PRESENT STATUS, PRODUCT AND PRICE KEERTHI CHANDAK, DR. ALPESH LEUA & DR. V. M. THUMAR | | | | |
| 5. | NATURE OF PRODUCTION RELATIONS IN ORGANISED MANUFACTURING SECTOR OF INDIA DR. ASHOK KUMAR & BALJEET KAUR | | | | |
| 6. | A SURVEY ON ATTRIBUTES AND FACTORS AFFECTING ON THE AFFORDABLE HOUSING: AN ANALYTICAL REVIEW DR. J. B. KOMARAIAH & DR. HARSHIT TOPNO | 29 | | | |
| 7. | IMPACT OF RECESSION ON INDIAN PHARMA SECTOR SHRADDHA BHATT & DR. A. K.PANIGRAHI | 34 | | | |
| 8. | ANALYSIS OF IPO MARKET BEHAVIOR: POST LISTING PRICE PERFORMANCE VARSHA GUPTA & DR. HIMANSHU JOSHI | 42 | | | |
| 9. | DETERMINANTS OF DIVIDEND PAYOUT RATIOS: A STUDY WITH REFERENCE TO INDIAN BANKING SECTOR DR. S. HARI BABU & NANCY SAHNI | 48 | | | |
| 10 . | OPERATIONAL EFFICIENCY OF PUBLIC SECTOR BANKS IN INDIA: AN ANALYTICAL STUDY BIPIN BANDEKAR | 56 | | | |
| 11. | IMPACT OF SOCIAL RESPONSIBILITY PARTICIPATION IN SOCIETY DR. T. VIJAYARAGAVAN | | | | |
| 12. | FOOD SECURITY IN WEST BENGAL, INDIA: IN TERMS OF BALANCE DIET | | | | |
| 13. | SOCIAL ACCOUNTING: OBJECTIVES AND ISSUES ANJU DAGAR | 70 | | | |
| 14. | INVESTIGATING THE IMPACT ON BSE SENSEX USING MULTIPLE REGRESSION MODEL ASHWITHA KARKERA, MADHUKAR S M & GIRISH MADLA | 72 | | | |
| 15 . | SELF-EMPLOYMENT THROUGH DAIRY FARMING: A CASE STUDY OF 'KARENG' MILK SOCIETY AT NAZIRA SUB-DIVISION OF SIVASAGAR DISTRICT OF ASSAM SUMIT DEY & SHATABHISHA BARUA | 74 | | | |
| 16 . | ROLE OF MICROFINANCE INSTITUTIONS FOR ACHIEVING FINANCIAL INCLUSION IN INDIA SEEMA RANI & RAJNI CHUGH | 78 | | | |
| 17. | THE STUDY OF SOLVENCY POSITION OF MUMIAS SUGAR COMPANY LIMITED, KENYA OMBEGA OGUTA KEPHAR | | | | |
| 18. | TREND OF AGRICULTURAL FINANCE BY COMMERCIAL BANKS: A CASE STUDY OF UNIONBANK OF INDIA, BANK OF BARODA AND STATE BANK OF INDIASIDDHARTH MISHRA | | | | |
| 19. | EXPLORATION OF CSR PRACTICES OF NATIONALIZED BANKS IN INDIA SAPNA KATARA | | | | |
| 20 . | BANCASSURANCE IN INDIA: AN INDUSTRY OUTLOOK OF LIFE INSURANCE RUCHIKA BHATEJA | 95 | | | |
| | REQUEST FOR FEEDBACK & DISCLAIMER | 101 | | | |

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

<u>CHIEF PATRON</u>

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



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

CO-ORDINATOR

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

<u>ADVISORS</u>

DR. PRIYA RANJAN TRIVEDI Chancellor, The Global Open University, Nagaland 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. SAMBHAV GARG Faculty, Shree Ram Institute of Business & Management, Urjani

EDITORIAL ADVISORY BOARD

DR. RAJESH MODI Faculty, Yanbu Industrial College, Kingdom of Saudi Arabia PROF. SIKANDER KUMAR

Chairman, Department of Economics, HimachalPradeshUniversity, Shimla, Himachal Pradesh

PROF. SANJIV MITTAL

UniversitySchool of Management Studies, GuruGobindSinghI. P. University, Delhi

PROF. RAJENDER GUPTA

Convener, Board of Studies in Economics, University of Jammu, Jammu

INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, ECONOMICS & MANAGEMENT

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

PROF. NAWAB ALI KHAN

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

PROF. S. P. TIWARI

Head, Department of Economics & Rural Development, Dr. Ram Manohar Lohia Avadh University, Faizabad

DR. ANIL CHANDHOK

Professor, Faculty of Management, Maharishi Markandeshwar University, Mullana, Ambala, Haryana

DR. ASHOK KUMAR CHAUHAN

Reader, Department of Economics, KurukshetraUniversity, Kurukshetra

DR. SAMBHAVNA

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

DR. MOHENDER KUMAR GUPTA

Associate Professor, P.J.L.N.GovernmentCollege, Faridabad

DR. VIVEK CHAWLA

Associate Professor, Kurukshetra University, Kurukshetra

DR. SHIVAKUMAR DEENE

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

ASSOCIATE EDITORS

PROF. ABHAY BANSAL Head, Department of Information Technology, Amity School of Engineering & Technology, Amity University, Noida PARVEEN KHURANA Associate Professor, MukandLalNationalCollege, Yamuna Nagar SHASHI KHURANA Associate Professor, S.M.S.KhalsaLubanaGirlsCollege, Barara, Ambala SUNIL KUMAR KARWASRA Principal, AakashCollege of Education, ChanderKalan, Tohana, Fatehabad DR. VIKAS CHOUDHARY Asst. Professor, N.I.T. (University), Kurukshetra

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

<u>SUPERINTENDENT</u>

SURENDER KUMAR POONIA

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

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

Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF.

(e.g. Finance/Marketing/HRM/General Management/Economics/Psychology/Law/Computer/IT/Engineering/Mathematics/other, please specify)

DEAR SIR/MADAM

Please find my submission of manuscript entitled '______' for possible publication in 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 author (s) have seen and agreed to the submitted version of the manuscript and their inclusion of name (s) as co-author (s).

Also, if my/our manuscript is accepted, I/We agree to comply with the formalities as given on the website of the journal & you are free to publish our contribution in any of your journals.

NAME OF CORRESPONDING AUTHOR:

Designation: Affiliation with full address, contact numbers & Pin Code: Residential address with Pin Code: Mobile Number (s): Landline Number (s): E-mail Address:

Alternate E-mail Address:

NOTES:

- a) The whole manuscript is required to be in **ONE MS WORD FILE** only (pdf. version is liable to be rejected without any consideration), which will start from the covering letter, inside the manuscript.
- b) The sender is required to mention the following in the SUBJECT COLUMN of the mail: New Manuscript for Review in the area of (Finance/Marketing/HRM/General Management/Economics/Psychology/Law/Computer/IT/ Engineering/Mathematics/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 required to be below **500 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 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 separate mail to the journal.
- 2. MANUSCRIPT TITLE: The title of the paper should be in a 12 point Calibri Font. It should be bold typed, centered and fully capitalised.
- 3. AUTHOR NAME (S) & AFFILIATIONS: The author (s) full name, designation, affiliation (s), address, mobile/landline numbers, and email/alternate email address should be in italic & 11-point Calibri Font. It must be centered underneath the title.
- 4. ABSTRACT: Abstract should be in fully italicized text, not exceeding 250 words. The abstract must be informative and explain the background, aims, methods, results & conclusion in a single para. Abbreviations must be mentioned in full.

- 5. **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 stops at the end.
- 6. **MANUSCRIPT**: Manuscript must be in <u>BRITISH ENGLISH</u> prepared on a standard A4 size <u>PORTRAIT SETTING PAPER</u>. It must be prepared on a single space and single column with 1" margin set for top, bottom, left and right. It should be typed in 8 point Calibri Font with page numbers at the bottom and centre of every page. It should be free from grammatical, spelling and punctuation errors and must be thoroughly edited.
- 7. **HEADINGS**: All the headings should be in a 10 point Calibri Font. These must be bold-faced, aligned left and fully capitalised. Leave a blank line before each heading.
- 8. SUB-HEADINGS: All the sub-headings should be in a 8 point Calibri Font. These must be bold-faced, aligned left and fully capitalised.
- 9. MAIN TEXT: The main text should follow the following sequence:

INTRODUCTION

REVIEW OF LITERATURE

NEED/IMPORTANCE OF THE STUDY

STATEMENT OF THE PROBLEM

OBJECTIVES

HYPOTHESES

RESEARCH METHODOLOGY

RESULTS & DISCUSSION

INDINGS

RECOMMENDATIONS/SUGGESTIONS

CONCLUSIONS

SCOPE FOR FURTHER RESEARCH

ACKNOWLEDGMENTS

REFERENCES

APPENDIX/ANNEXURE

It should be in a 8 point Calibri Font, single spaced and justified. The manuscript should preferably not exceed 5000 WORDS.

- 10. 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.
- 11. EQUATIONS: These should be consecutively numbered in parentheses, horizontally centered with equation number placed at the right.
- 12. **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**. 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 parentheses.
- The location of endnotes within the text should be indicated by superscript numbers.

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.

IOURNAL 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, 19–22 June.

UNPUBLISHED DISSERTATIONS AND THESES

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

UNLINE RESOU

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

WEBSITES

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

INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, ECONOMICS & MANAGEMENT

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

http://ijrcm.org.in/

ISSN 2231-4245

A SURVEY ON ATTRIBUTES AND FACTORS AFFECTING ON THE AFFORDABLE HOUSING: AN ANALYTICAL REVIEW

DR. J. B. KOMARAIAH ASSOCIATE PROFESSOR & PRINCIPAL INVESTIGATOR UGC- MAJOR RESEARCH PROJECT DEPARTMENT OF ECONOMICS BANARAS HINDU UNIVERSITY VARANASI

DR. HARSHIT TOPNO PROJECT FELLOW UGC- MAJOR RESEARCH PROJECT DEPARTMENT OF ECONOMICS BANARAS HINDU UNIVERSITY VARANASI

ABSTRACT

Housing is the basic human minimum need. Housing indicates the quality of life and the status scio – economic condition of people in an economy. With the rising population density, demand for affordable housing has also been increased. There is no clear cut definition of the term 'Affordable', as it is a relative concept and could have several implied meanings in different contexts. The concept of housing affordability is a contested issue, but a pressing and widespread problem for many countries. The term 'Housing Affordability' simply implies the ability to purchase housing. This paper presents an analytical review of various attributes that determine the housing affordability and comes under general review paper. Various attributes have been discussed in different contexts and different set up of locations. Furthermore, the paper discusses that how they are interlinked and correlated with each other. Finally, it has been suggested that enough factors and attributes are there which determine housing affordability such as the concept of housing affordability which varies from time and place, each and every attribute was further explained by giving various studies so that measurement of housing affordability can be properly carried out with greater effectiveness in the field of affordable housing.

KEYWORDS

Affordable housing, basic human needs, quality of life.

1. INTRODUCTION

ousing is considered as one of the basic needs of the human being. The availability and quality of housing has a significant impact on people's lives. It has direct impact on the socio-economic development of a nation. Better housing facilities leads to community growth and stability, improved health conditions, increased safety and education among the citizens which in turn leads to the development of a country. Households in the low-income range have great difficulty of finding adequate housing that can accommodate their needs within their financial means. Housing costs are the single largest expenditure as many households and families are spending so much on housing that they cannot meet other expenses (Assaf et al, 2010). Housing choice is a response to an extremely complex set of economics, social, and psychological impulses. For example, some households may choose to spend more on housing because they feel they can afford to, while others may not have a choices.

There is no clear cut definition of the term 'Affordable', as it is a relative concept and could have several implied meanings in different contexts. The concept of housing affordability is a contested issue, but a pressing and widespread problem for many countries (Milliner and Maliene, 2012). The term "Housing Affordability" has come popular usage in the last two decades, replacing 'housing needs' at the centre of debate about the provisions of adequate housing for all (Whitehead, 1991; Swartz and Miller, 2002). The term 'Housing Affordability' simply implies the ability to purchase housing. However, beyond this point any attempt to precisely define and grabble with the concept becomes slippery. According to KPMG Report on 'Affordable Housing' – A Key Growth Driver in the Real Estate Sector', affordable housing is defined in terms of three main parameters, namely income level, size of dwelling unit and affordability. While the first two parameters are independent of each other, the third is a dependent parameter that can be correlated to income and property prices. The definition is shown in the following table -1.

| TABLE I. DEFINITION OF ALLONDABLE HOUSING | | | | | | |
|---|---|-----------------------|--|--|--|--|
| Category | Income Level | Size of Dwelling Unit | Affordability | | | |
| EWS | <inr 1.5="" annum<="" lakhs="" per="" td=""><td>Up to 300 sqft.</td><td>EMI to monthly income: House price to annual income ratio:</td></inr> | Up to 300 sqft. | EMI to monthly income: House price to annual income ratio: | | | |
| LIG | INR 1.5-3 Lakhs per annum | 300 – 600 sqft. | less that 5:1 (Task Force headed by Deepak Parekh) | | | |
| MIG | INR 3-10 Lakhs per annum | 600 – 1200 sqft. | | | | |
| | | | | | | |

TABLE - 1: DEFINITION OF AFFORDABLE HOUSING

Source: KPMG Report

In other words, affordability implies the ability of households to pay the costs of housing without imposing constraints on living costs (Stone, 1993). In New Zealand, housing affordability is defined as the "ability of households to rent or purchase housing in an area of choice at a reasonable price, the capacity of households to meet ongoing housing costs, and the degree that discretionary income is available to achieve an acceptable standard of living" (Working Party on Affordability Issues, 2003).

According to the Task Force on Affordable Housing set up by the MHUPA in 2008, affordable housing set up by the MHUPA in 2008, affordable housing for various segments is defined by size of the dwelling and housing affordability derived by the household income of the population. (Table - 2)

TABLE - 2: DEFINITION OF AFFORDABLE HOUSING - MHUPA, 2008

| Category | Size | Cost | EMI or Rent |
|----------|---------------------------------------|--|--|
| EWS | 300-600sqft. Carpet area | Not exceeding four times the houldhold gross annual income | Not exceeding 30% of gross monthly income of buyers |
| MIG | Not exceeding 1,200 sqft. carpet area | Not exceeding five times the household gross annual income | Not exceeding 40% of gross monthly income of buyer |

Source: MHUPA, Task Force on Affordable Housing, 2008.

VOLUME NO. 4 (2014), ISSUE NO. 11 (NOVEMBER)

30

The JNNURM Mission Ditertorate of MHUPA has also defined affordable housing in its amended Guidelines for Affordable Partnership released in December 2011, as shown in table 3.

TABLE - 3: DEFINITION OF AFFORDABLE HOUSING - MHUPA 2011

| Category | Size | EMI or rent |
|----------|---|---|
| EWS | Minimum of 300 sqft. Super built-up area minimum of 296 sqft. (25 sqm) carpet area. | Not exceeding 30 – 40% of gross monthly |
| LIG | Minimum of 500 sqft. Super built – up area maximum of 517 sqft. Super built – up area maximum | income of buyers. |
| | of 517 sqft. (48 sqm) carpet area. | |
| MIG | 600 – 1,200 sqft. Super built- area maximum of 861. (80 sqm) carpet area. | |

Source: MHUPA, Guidelines for Affordable Housing in Partnership (Amendments), 2008.

2. SYNOPTIC VIEW OF VARIOUS ATTRIBUTES AND FACTORS OF HOUSING AFFORDABILITY

The various important attributes and factors which determine the housing affordability which can be understood through the following available earlier studies/literature.

Kolbre et al. (2013) have stated first that how to evaluate affordability of housing in the Estonian market? and second, assessed the regulatory framework decisions' impact on the housing market in Estonia. The Housing Industry Association's Housing Affordability Index (HAI) proposed by the authors could be calculated regularly and it could be used as a possible indicator to evaluate the capability of the population to take on household loans in the Estonian household market as a whole. They found that there is an affordability problem, and political decisions have helped to make housing loans affordable for households, but at the same time the high debt burden has weakened households' financial position.

Worthington et al. (2013) have discussed the issues related to the model the drivers of Australian housing affordability and forecast equilibrium affordability. Authors have used autoregressive distributed lag (ARDL) approach to model housing affordability measured by the Housing Industry Association's Housing Affordability Index (HAI) and the housing price-earnings multiplier (HPE). Six sets of explanatory variables, including housing finance, housing construction activity and costs, economic growth, population, alternative investments and taxation. They have found that Primary long-run drivers are housing finance, dwelling approvals and financial assets. Economic and population growth only have a short-run influence, while housing taxation has limited impact in long run.

Leland et al. (2013) have expanded the study of representative bureaucracy by exploring attitudes about the use of public funds to support privately-owned real estate development projects. Strong support for public-private partnerships was observed in the sample and demographic characteristics were found to influence attitudes. Minority planners tended to be more supportive of programs designed to provide affordable housing and eliminate blight, while female planners and planners in older age cohorts were more supportive of efforts to rejuvenate urban areas. Political ideology was, however, found to have the most consistent impact on attitudes. Authors have suggested diversity in the planning profession offers one means of protecting citizen preferences when public-private partnerships are formed to encourage urban development. However, the benefits of diversity must be evaluated in conjunction with planners' attitudes about the appropriate role of government in real estate development.

Tang (2012) has compared relative levels of rental affordability across the English Housing Association sector. A total of two methods, rent-to-income ratio and residual income standards (poverty-line and budget standard), are used to maximise their strengths and complement their weaknesses in measuring rental affordability. The rent-to-income ratio analysis identified that housing association rents were generally affordable. However, the residual income analyses using two different minimum acceptable standards suggested some scepticismin this regard. In particular, both analyses confirmed the affordability problem in London where nearly half of existing housing association tenants had disposable household incomes that were well below the poverty-line as well as the largest rent-to-income ratio. Both analyses also confirmed that lone parents were more likely than average households to have an affordability problem.

Ibem (2012) has examined the adequacy of incrementally constructed government assisted self-help housing in addressing the needs of residents of the Workers' Housing Estate, Abeokuta, Ogun State, Nigeria. The author has stated that incremental housing construction strategy can provide adequate housing for low and middle-income public sector workers in the developing countries; and this can be enhanced through measures that ensure rapid upgrading of housing units and access to housing services and basic infrastructure by the residents. He has also found that about 50 percent of the respondents felt that housing environment in the estate was adequate in meeting their needs. Adequacy of housing unit characteristics was higher than that of housing services, social infrastructure and management of the housing estate.

Bentzien et al. (2012) have stated that Relative to comparable industrialized countries, Germany stands out in terms of its low homeownership rate (43 percent). For Germany, it is unknown so far to what extent the low rate of homeownership that can be related to housing which is being unaffordable. One reason for the lack of evidence is the apparent lack of data. Author has found that average German household would have to sacrifice a large part of its non-housing consumption to afford homeownership, especially of single-family homes. As the regional analysis reveals, certain types of households can even be considered excluded from the ownership market in some particularly unaffordable states with cost burdens of over 50 percent. Germany provides a unique environment for affordability research, due to its reunification history, observations from which may thus yield insights valuable to the international research community.

Kuang et al. (2012) have examined the degree of housing affordability in China's 35 large and medium cities. Furthermore, they have investigated the relationship between housing affordability and the house prices using data from China's 35 large and medium cities from 1996 to 2007. He has found that housing price has played a more important role in housing affordability than household income. Thereby, decreasing housing price is more important than household income to alleviate the housing affordability problem. It is also found that the housing reform facilitates the housing affordability issue due to the low sale price of the public houses; the population growth rate and geographic locations have no significant impact on the housing affordability. Author has suggested that developing more affordable houses is an alternative to mitigate the housing affordability issue in China.

Poon et al. (2012) have presented an analytical summary of UK housing policies. Authors have evaluated the UK government's housing policies, before and after the publication of the Barker Review, to tackle affordability issues in the owner-occupied sector. They have examined the extent to which housing policy contributes to or alleviates the problem of the affordability of owner-occupied housing. The Barker Reviews brought about a major re-think in government policy towards housing, particularly relating to new build and the planning system. However, the heavy reliance on the private sector to provide additional housing has reduced the effectiveness of policy changes. In addition, the adoption by the government of "demand-side" housing policies has done little to negate the volatility of UK house prices or to raise the overall affordability of owner-occupied housing.

Worthington (2012) has analysed the record on housing affordability in Australia over the period 1985 to 2010, conceptually link this with the purported demand and supply drivers given in the literature, and comment on government policy responses. Housing affordability in Australia has worsened significantly in the past quarter century, including in both urban and regional areas, and is now among the world's most unaffordable. The main contributor at the national level has been the escalation of housing prices because of continuing strong demand arising from strong economic and population growth, the availability of cheaper and more accessible finance, and tax and other incentives for home and investor housing ownership. An additional contributor is unresponsive housing supply resulting from an extensive governmental role in land release and zoning, infrastructure charges, and building and environmental regulation.

Whitehead (2011) has explored the role of affordable home ownership in the light of the recent global financial crisis. There are clear implications for policy makers in other countries, notably the benefits from developing an intermediate tenure market which includes institutional equity and risk taking rather than continued large-scale reliance on debt finance. Author has found that that the main products share many of the attributes of full home ownership while remaining more affordable. The economic situation of post-2007 made both shared ownership and shared equity more difficult. The crisis and its aftermath also suggest that there is a need to develop a more robust and longer term market in equity sharing. This could be of real significance into the longer term, especially if the availability of mortgage finance remains constrained for many years to come. The author concludes that in the longer term, developing a range of partial tenures which provide most of the benefits of owner-occupation but which reduce risks to individual households and improve affordability in the early years is a desirable strategy.

VOLUME NO. 4 (2014), ISSUE NO. 11 (NOVEMBER)

Camilleri (2011) has analyzed to trends and principal causes of developments in-house prices in Malta over the past 26 years, with a specific focus on the issue of affordability. This focusing on the strong demand for home ownership and interest from foreign buyers, supply availability together with its relationship to the high vacancy rate existing. Also delved into include the distortions in the rental market, sustainable housing measures, housing densities and high-rise developments. Finally, noted that the implication on the use of housing as an investment asset in relation to trading on Malta's Stock Exchange. Author has found that the present global credit crunch can offer some relief with regard to housing affordability for first time Maltese home buyers. Updating of restricted home rentals can lead to an improved working for the Maltese property market, with some of the large proportion of vacant units being released onto the market.

Gibb (2011) has assessed new and often innovative models that aim to fund and deliver affordable housing in Scotland within a context of fiscal crisis. These models and their setting have implications for other countries with limited funds to support their housing systems. Author has found that the new models and the government's approach are pragmatic and have elements of genuine innovation. Other elements are only aspirations at this point and considerable uncertainties remain. The new environment will be difficult for housing associations, but also in terms of wider knock-on effects between the market-rented sector and intermediate housing. Major concerns remain about rent levels and there is a lack of clarity about government's long-term objectives for social housing.

Alaghbari et al. (2011) has developed affordable housing design for poor with low income and examined their ability to afford houses in Sana'a, Yemen. As housing costs are very high in Yemen compared with Middle East countries, which caused a shortage of housing supply especially for low-income groups. Author has found that that the low-income group can afford new houses in Sana'a in consideration of the following: constructing multi-storey housing units such as apartment system through using the concrete frame structure and building the internal and external walls with concrete blocks with limited areas of 65 to 120 square meters.

Wapwera (2011) has identified and analysed the methods of housing finance adopted by the low income and informal groups in Nigeria. A survey of 300 households in selected areas (low-income/informal) of Jos Metropolis, Nigeria, was carried out, concerning the methods of housing finance used for building and home improvement. The analysis of traditional financing methods highlights the range and structure of the traditional methods of financing in operation in informal and low income areas of Jos Metropolis, Nigeria. The survey showed that 75% of the households utilized traditional methods of financing and 25% using modern methods.

Jones et al. (2011) has addressed both the measurement of affordability and variations in affordability between local Housing Market Areas (HMAs). They have examined affordability at the local level based on functional areas rather than local authority administrative boundaries. This approach gives a truer picture of the variability in local affordability. The applied analysis tackles the data constraints of functional areas and has the potential to be adapted and extended. The local UK affordability indicators are shown to be primarily about access to home ownership rather than a wider view of local house price structures on affordability. The results of the analysis presented highlight that there are local differences in house price structures and hence associated differential affordability of house types between local HMAs.

Othman (2011) has investigated the role of partnership in integrating the corporate social responsibility (CSR) of project stakeholders towards better housing affordability. Affordable housing is one of the greatest challenges that face countries around the globe, especially developing countries. The complexity of the problem hinders governments, alone, from achieving their plans for sustainable development. Project stakeholders must have social responsibilities towards supporting government initiatives for affordable housing development. The five-domain CSR-partnership models developed by the authors which will help integrating the CSR of project stakeholders as an approach for developing affordable housing project. Because of the conceptual nature of the proposed model, it has to be tested and validated to ensure its capability to integrate the CSR of project stakeholders as an innovative approach for overcoming the difficulties facing governments in providing housing for the poor. The proposed CSR-partnership model and its action plans are expected to serve as a foundation for optimising the partnership of project stakeholders with government authorities towards better housing affordability.

Ingaroma et al. (2011) has offered an insight in the Italian rented housing market, with a focus on large metropolitan areas. It presents a review of evidence of housing affordability problems facing medium to low-income groups, and therefore adds to growing body of social housing international literature. The recently introduced changes to the delivery and funding model in the Italian social housing system offer an opportunity to overcome the traditional Italian approach to social housing. First, the new model serves a new target group to avoid it drifting into relative poverty, and second it allows new subjects, and primarily banking foundations, to actively pursue an ethical return on their investment in new housing. The complexity of the local real estate ethical funds, however, constitutes a source of risk in the new delivery model, and the short time for which existing funds have been operational only leaves room for some preliminary considerations. Nonetheless, the analysis are done by author indicates the core areas that will need to be monitored in the medium to long term to ensure a meaningful understanding of the implications of the plan.

Berry et al. (2011) have empirically analysed the interrelationships between mortgage liquidity and housing affordability in Northern Ireland (NI) during the boom-bust cycle in the residential property market. Authors have found that the relationship between mortgage finance and affordability has been driven by deregulation of the mortgage market contributing to the rise in house prices and affordability pressures during the market up cycle. More recently, ongoing liquidity constraints within the financial sector are impairing recovery in the residential property market culminating in heightened concerns of both purchase and "deposit gap" affordability. They have suggested that the new significant capital requirement needed to access the housing market will inevitably prolong affordability pressures for the foreseeable future.

Kupke et al. (2011) have explored the access to home ownership for the workers for the years of 2001 and 2009, a period which included the introduction and reintroduction of increased Australian government grants to first home buyers. Author has examined the opportunity for home ownership by first-time buyers who are in occupations defined in the UK literature as key workers within four state capitals in Australia. Many of these workers are moderate or average income earners who deliver essential community services such as health, social services, education, safety and emergency services. They have identified the pressure for multiple incomes in order to purchase as well as discussing the commuting distances some workers in Adelaide and Sydney may have to accommodate in order to afford a home.

Phang (2010) has stated that affordable homeownership is a policy that is often accorded a great deal of policy attention by governments of many countries. Author has examined the market implications of setting a housing price to income ratio target for a market segment by the government. The policy requires active intervention by the government with regard to the targeted sector. There is a political pressure on the government to expand homeownership affordability targets to increasing segments of the population. Housing price to income ratios tend to be fairly constant over time and across targeted groups, the housing supply is relatively price inelastic and the income elasticity of housing demand is less than one. Author has found that In the presence of uncertainty and resource constraints, the objective of homeownership affordability is achieved for the targeted group at the expense of greater volatility in residential construction activity. When the size of the targeted sector is significant in size, there are spill-over price and crowding out effects on the non-targeted housing market segment.

Abdulaziz et al. (2010) have discussed the main factors that affect the construction cost of affordable housing in Saudi Arabia. A survey of 14 consultants, 16 contractors and five real estate investors was performed. The survey included 34 different factors affecting the construction cost of affordable houses and their degree of importance. The severity of those factors was measured by the level of importance and ranked according to the severity index for consultants, contractors and real estate investors and a combination of all respondents. There is an agreement (correlation) by each group and the overall ranking by all participants. It was concluded that inadequate labour availability, material standards, design quality and design changes are the most severe factors with relatively high overall scoring.

Alaghbari et al. (2009) have identified the factors that cause housing shortage for low income groups in Yemen and recommend some solutions to alleviate the problem. Authors have found that the most important economic factors causing housing shortage are poor handling of available economic resources and shortage of economic resources. The most important administrative factors causing housing shortage are lack of organization and synchronization and not conducting studies on housing. The most important legal factor causing housing shortage is lack of legalization of housing. They have also found that housing

VOLUME NO. 4 (2014), ISSUE NO. 11 (NOVEMBER)

finance programs are still premature in Yemen. Therefore, some of the professional respondents have suggested that the government build low - cost housing projects for low – income groups and distribute the houses equally to the people.

Monk (2009) has examined whether the continuing decline of the social rented sector in England implies increased residualisation of the sector, to estimate who is likely to be living in social housing in the future, and also explored the policy implications in terms of the future role of social housing. Author suggested that the sector will house three main groups of households in the future: those for whom it provides a secure home for life; those for whom it is a temporary tenure; and a smaller group who enter for the first time in old age.

Al-Homoud et al. (2009) has explored the potentials and obstacles facing low-income housing supply. It is shown that there is undersupply in low-income housing. The housing sector in Jordan suffers from a lack of balance between supply and demand, in general, and from the inability to meet the demands of low-income households, in specific. Results indicated that most plausible causality of undersupply of low-income housing is due to macro-environment attributes: controllable – management (lack of human resources and capacity building), real estate (lack of marketing skills and sales advertising), technology and affordable construction industry (inaccessible appropriate building technology and affordable construction), land ownership and site selection (limited to the developers geographical area); and uncontrollable – financing (small capital operation and difficulties in bank loans and lending), government policies (lack of incentives, tax exemptions, and regulations), and social and cultural (social needs requires certain spatial arrangements and rejection of borrowing from financial institutions for religious reasons).

Mengjie et al. (2008) has stated the housing reform in China commenced in 1998. Beijing residents, government officers and academics have been concerned about high housing prices in the city, which is considered beyond the buying capability of the ordinary residents. Author has analysed to what extent the high price had led to low levels of housing affordability in the period 2002-2006 in Beijing. Due to the importance of housing for local residents and the crucial position that real estate market in the Chinese economy is currently researching into the housing affordability issues which is now essential. It is important to consider the social circumstances that are predominantly related to both the standard of living and the national economy in Beijing.

Silverman (2009) has examined how executive directors of non profit organizations perceive local government performance in affordable housing. It builds on a larger body of research concerning the affordable housing activities of government and community-based nonprofit housing organizations at the local level. Author has highlighted the need for government to assume a broader and more activist role in affordable housing policy. Local government performance in affordable housing received lower grades than other levels of government, as well as intermediary organizations and private financial institutions. This dissatisfaction is expressed through non profit fields in which these organizations are embedded. These fields have witnessed declining governmental support for affordable housing and expanding influence from philanthropic organizations and the private sector.

Niu (2008) has estimated the benefits and costs of China's affordable housing program, as well as to provide recommendations to this housing policy. The total net benefits of this policy are estimated to range from \$234,176.7 million to ¥271,020.4 million. The costs are divided into sunk costs and current costs, computed to be ¥447,598.63 million and ¥328,685.21 million, respectively. The supply size of affordable dwellings is far from adequate due to the low level of housing affordability in China.

Nyasulu et al. (2007) have investigated the un-affordability of housing and limited access to finance as limiting factors to the provision of adequate housing in the urban areas of Malawi. Authors have found that the finance from the formal sector is accessible to fewer than 35 per cent of the urban population and less than 16 per cent of households in the major urban areas can afford an average house. No government subsidies are available for end users and development financing is limited and extremely dearer. The contribution from non-conventional finance sources to housing finance is negligible. They have suggested that the use of various instruments may alleviate the situation. Such instruments could include a housing tax for the implementation of subsidies, subsidies from developed countries, the formation of cooperatives and the implementation of securitisation.

3. DISCUSSION

The aforementioned literature highlights the complex nature of housing affordability and a wide range of attributes that may influence households. Maximum of the factors or attributes that define housing affordability are interlinked and correlated with each other. Attributes which are discussed above in the review literature are as follows: Government policy, price of house, availability of housing finance, quality of housing, population growth, demand and supply, alternative investments, Income of individuals, location of house and working place, transportation cost and other basic facilities.

This is a well known fact that government conducts survey before making any regulatory framework. In India we can see that a number of housing policies are there, but there is lacking of its proper implementation. There are various valid reasons for non – implementation of policy properly. Government should think about it. Population affects the cost and prices of houses because we have limited resources and in comparison to resources population are increasing at a very fast pace. Demand and supply is a very important factor. We are seeing that as population is increasing, demand for housing is also increasing and supply of houses is less. In this case, the price will automatically increase. There are so many people who want to invest other than housing property; this will also affect the housing affordability of those persons.

If we talk of availability of housing finance, it affects the housing affordability to a greater extent. It will be easy for an individual to own a house if there will be proper arrangement of housing finance which suits his eligibility. Income of an individual affects his housing affordability. If income will be more, he/ she can think of investing more on housing and vice versa. Location of person's jobs also affects his/her affordability if he/ she have to travel longer distances between residents and jobs' place. Then the cost of transport is higher, there this will adversely affect the economic affordability of the people. Houses which are located, where there are all the basic facilities (availability of market, safety, access to good quality education, access to health services, energy efficiency of housing, waste management etc.) are available, the prices of houses in that area will be more in comparison to other areas. The other attributes will also affect the affordability based on the location, policies, standard of living of the people, literacy and others. Thus attributes will vary from time to time and location to location.

4. CONCLUSION

A significant amount of the research on housing affordability has been based on housing cost and household income. The main focus of maximum research is house price rather than conditions, locations, neighbourhood. Nevertheless, affordability is still commonly assed by focusing primarily on financial burden. Research carried out in the U. S. hypothesizes that housing affordability should consider welfare of residents, which is affected by a wide range of location – related attributes, such as transportation cost, proximity to employment opportunities and public safety. Location is also highlighted as a significant factor related to housing affordability by other U. S. researchers. It is recommended that interaction between housing and location provides a more meaning measure of affordability (Fisher et al, 2009).

There is an increasing need to reconsider the way housing affordability is conceptualised and measured. Housing affordability is typically assed by considering economic criteria, whilst other important factor such as housing location, quality of life and sustainability are often ignored.

Therefore, after discussing a lot on the attributes and factors, it can be suggested that enough factors and attributes are there which determine housing affordability; as the concept of housing affordability is relative to time and place, each and every attribute should be further explained by giving its main indicators so that measurement of housing affordability can be properly carried out with greater effectiveness.

ACKNOWLEDGEMENT

The authors are thankful to the University Grants Commission, New Delhi, for granting the funds for the Research.

REFERENCES

- Alaghbari, W., Salim, A., Dola, K. and Ali, A. A. (2009), "Housing shortage for low-income in Yemen: causes and suggestions", International Journal of Housing Markets and Analysis, Vol. 2 No. 4, pp. 363 – 372.
- Alaghbari, W., Salim, A., Dola, K. and Ali, A.A.A. (2011), "Developing affordable housing design for low income in Sana'a, Yemen", International Journal of Housing Markets and Analysis, Vol. 4 No. 1, pp. 84 – 98.
- 3. Al-Homoud, M., Al-Oun, S. and Al-Hindawi, A. (2009), "The low-income housing market in Jordan", International Journal of Housing Markets and Analysis, Vol. 2 No. 3, pp. 233 252.
- 4. Assaf, S. A., Bubshait, A. A. and Muwasheer, F. A. (2010), "Factors affecting affordable housing cost in Saudi Arabia", International Journal of Housing Markets and Analysis, Vol. 3 No. 4, pp. 290 307.
- 5. Bentzien, V., Rottke, N. and Zietz, J. (2012), "Affordability and Germany's low homeownership rate", International Journal of Housing Markets and Analysis, Vol. 5 No. 3, pp. 289 312.
- Camilleri, D. (2011), "A long-term analysis of housing affordability in Malta", International Journal of Housing Markets and Analysis, Vol. 4 No. 1, pp. 31 57.
- 7. Fisher, L. M., Pollakowski, H. O. and Zabel, J. (2009), "Amenity Based Housing Affordability Indexes", Real Estate Economics, Vol. 37, No. 4, pp. 705 746.
- 8. Gibb, K. (2011), "Delivering new affordable housing in the age of austerity: housing policy in Scotland", International Journal of Housing Markets and Analysis, Vol. 4 No. 4, pp. 357 368.
- Ibem, E.O., Aduwo, E.B. and Uwakonye, O. (2012), "Adequacy of incremental construction strategy for housing low-income urban residents in Ogun State, Nigeria", Built Environment Project and Asset Management, Vol. 2 No. 2, pp. 182 – 194.
- Ingaramo, L. and Sabatino, S. (2011), "Social housing: new demand, new tools: Affordable finance for affordable housing through real estate ethical funds", International Journal of Housing Markets and Analysis, Vol. 4 No. 4, pp. 369 – 393.
- 11. Jones, C., Watkins, C. and Watkins, D. (2011), "Measuring local affordability: variations between housing market areas", International Journal of Housing Markets and Analysis, Vol. 4 No. 4, pp. 341–356.
- 12. Kapsta, A. K. and Kolbre, E. (2013), "Estonian housing market: affordability problem and regulatory framework", International Journal of Housing Markets and Analysis, Vol. 6 No. 2, pp. 146 162.
- 13. KPMG India Report "Affordable Housing A key growth driver in the real estate sector? http://www.kpmg.com/IN/en/IssuesAndInsights/Articles Publications/Documents/Affordable_Housing.pdf.
- 14. Kuang, W. and Li, X. (2012), "Does China face a housing affordability issue? Evidence from 35 cities in China", International Journal of Housing Markets and Analysis, Vol. 5 No. 3, pp. 272 288.
- 15. Kupke, V. and Rossini, P. (2011), "Housing affordability in Australia for first home buyers on moderate incomes", Property Management, Vol. 29 No. 4, pp. 357 370.
- 16. Leland, S. and Read, D. C. (2013), "Representative bureaucracy, public-private partnerships, and urban development", Journal of Place Management and Development, Vol. 6 No. 2, pp. 86 101.
- 17. McCord, M., McGreal, S., Berry, J., Haran, M. and Davis, P. (2011), "The implications of mortgage finance on housing market affordability", International Journal of Housing Markets and Analysis, Vol. 4 No. 4, pp. 394 417.
- 18. Mengjie, L., Reed, R. and Wu, H. (2008), "Challenges facing housing affordability in Beijing in the twenty-first century", International Journal of Housing Markets and Analysis, Vol. 1 No. 3, pp. 275 287.
- 19. MHUPA, (2008) Task force on Affordable Housing, New Delhi.
- 20. MHUPA, (2008), Guidelines for Affordable Housing in Partnership (Amendment).
- 21. Monk, S. (2009), "Understanding the demand for social housing in the United Kingdom: Some implications for policy", International Journal of Housing Markets and Analysis, Vol. 2 No. 1, pp. 21 38.
- 22. Mullier, E. and Maliene V. (2012), "What Attributes Determine Housing", World Academy of Science, Engineering and Technology, 67. International Science Index Vol. 6, No. 7, 2012 waset.org/Publication/10299.
- 23. Niu, Y. (2008), "The performance and problems of affordable housing policy in China: The estimations of benefits, costs and affordability", International Journal of Housing Markets and Analysis, Vol. 1 No. 2, pp. 125 146.
- Nyasulu, E. C. and Cloete, C. E. (2007), "Lack of affordable housing finance in Malawi's major urban areas", Property Management, Vol. 25 No. 1, pp. 54 67.
- Othman, A. and Abdellatif, M. (2011), "Partnership for integrating the corporate social responsibility of project stakeholders towards affordable housing development: A South African perspective", International Journal of Housing Markets and Analysis, Vol. 9 No. 3, pp. 273 – 295.
- 26. Phang, S.Y. (2010), "Affordable homeownership policy: Implications for housing markets", International Journal of Housing Markets and Analysis, Vol. 3 No. 1, pp. 38–52.
- Poon, J. and Garatt, D. (2012), Evaluating UK housing policies to tackle housing affordability", International Journal of Housing Markets and Analysis, Vol. 5 No. 3, pp. 253 – 271.
- 28. Silverman, R. M. (2009), "Nonprofit perceptions of local government performance in affordable housing", International Journal of Housing Markets and Analysis, Vol. 2 No. 3, pp. 253 262.
- 29. Stone, M. E. (1991), "Shelter poverty: New Ideas on housing affordability", Philadelphia: Temple University Press, Press, pp. 235.
- 30. Tang, C. P. Y. (2012), "Measuring the affordability of housing association rents in England: a dual approach", International Journal of Housing Markets and Analysis, Vol. 5 No. 3, pp. 218 234.
- 31. Wapwera, S.D., Parsa, A. and Egbu, C. (2011), "Financing low income housing in Nigeria", Journal of Financial Management of Property and Construction, Vol. 16 No. 3, pp. 283 301.
- 32. Whitehead, C. and Monk, S. (2011), "Affordable home ownership after the crisis: England as a demonstration project", International Journal of Housing Markets and Analysis, Vol. 4 No. 4, pp. 326 340.
- 33. Whitehead, C. M. E. 1991. "From need to affordability: An Analysis of UK housing objectives", Urban Studies, 28 (6): 871 887.
- 34. Working Party on Affordability Issues 2003. "Affordability Report 2003", Wellington: Housing New Zealand Corporation.
- 35. Worthington, A. and Higgs, H. (2013), "Macro drivers of Australian housing affordability, 1985-2010: An autoregressive distributed lag approach", Studies in Economics and Finance, Vol. 30 No. 4, pp. 347 369.
- Worthington, A. C. (2012), "The quarter century record on housing affordability, affordability drivers, and government policy responses in Australia", International Journal of Housing Markets and Analysis, Vol. 5 No. 3, pp. 235 – 252.

REQUEST FOR FEEDBACK

Dear Readers

At the very outset, International Journal of Research in Commerce, Economics & 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, nor 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 is 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





