# 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

# **CONTENTS**

Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.			
1.	INVESTIGATING THE IMPACT OF TAIWAN'S REAL ESTATE BOOM TO THE BANK'S FINANCIAL	1			
	PERFORMANCE	_			
	CHENG-WEN LEE, CHIA-JUI PENG & WEN-CHUAN FU				
2.	RELIGIOSITY EFFECTS: PREDICTORS OF SAVINGS AND INVESTMENT AMONG MUSLIMS IN INDIA	6			
	MOHAMMED SHAKEEL				
3.	OCCUPATIONAL ROLE STRESS IN BANKING SECTOR: A REVIEW OF LITERATURE	13			
	BULBUL KAR & DR. BISWADEEP MISHRA				
4.	EFFECTS OF THE GLOBALIZATION ON INDIAN ECONOMY	19			
	MOHD. IRFAN & DR. ANIL KUMAR YADAV				
5.	GREEN BUILDING IN INDIA: A MOVE TOWARDS SUSTAINABILITY	22			
	SHERIN CYRIAC & JITHIN JOY				
<b>6</b> .	FINANCIAL PERFORMANCE OF DISTRICT CENTRAL CO-OPERATIVE BANKS (DCCBs) IN HARYANA	27			
	HARDEEP KAUR				
<b>7</b> .	A STUDY ON CUSTOMER PERCEPTION TOWARDS THE SERVICES OFFERED IN RETAIL BANKING BY	32			
	SOUTH INDIAN BANK VADAVALLI BRANCH, COIMBATORE CITY				
	LINDA MARY SIMON				
8.	TOWARDS THE NEED OF EFFICIENCY - SEEKING FDI FOR A FASTER AND MORE INCLUSIVE GROWTH IN	35			
	INDIA				
	B. N. LALITHCHANDRA				
9.	ANALYSING INSOLVENCY RISK OF SELECTED INDIAN PUBLIC AND PRIVATE SECTOR BANKS THROUGH	39			
	CAMEL PARAMETER				
	MUKESH KESHARI				
10.	GENERAL PRACTICES OF CONSUMERS DURING PURCHASE AND USE OF TEXTILE PRODUCTS: A SURVEY	48			
	REPORT				
	DR. MINAKSHI JAIN				
11.	INDIA IS AGEING: ARE WE PREPARED?	52			
	SNEHA BHAT				
<b>12</b> .	ANALYSIS OF PERFORMANCE OF MAHATMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE	54			
	ACT (MGNREGA) WITH REFERENCE TO THE STATE OF HARYANA				
	GEETIKA				
<b>13</b> .	THE INFLUENCE OF ORGANIZATIONAL CULTURE AND ORGANIZATIONAL COMMITMENT ON	58			
	STRATEGIC LEADERSHIP, JOB SATISFACTION AND PERFORMANCE OF REGIONAL WORK CIVIL UNITS				
	EMPLOYEES IN MALUKU TENGGARA BARAT REGENCY, MALUKU PROVINCE				
	BALTHASAR WATUNGLAWAR & BUDIMAN CHRISTIANANTA				
14.	OWNER FACTORS AFFECTING THE GROWTH OF MICRO AND SMALL ENTERPRISES (MSEs) IN ETHIOPIA:	66			
	A CASE STUDY IN SHIRE INDASELASSIE TOWN, TIGRAY				
	HAFTOM HAILE ABAY, DR. FISSEHA GIRMAY TEMANU & ARAYA HAGOS GEBREEGZIABHER				
<b>15</b> .	AN EMPIRICAL STUDY OF RURAL CUSTOMER'S SATISFACTION AND CONSUMER AWARENESS FROM E-	73			
	BANKING IN INDIA WITH SPECIAL REFERENCE TO BRAHMAVAR				
	MALLIKA A SHETTY & SUMALATHA				
16.	FINANCIAL ANALYSIS OF FOREIGN DIRECT INVESTMENT COMPANIES IN INDIA	78			
_0.	DR. T. MADHU SUDANA	, 0			
17.	STATUS OF MUSLIM WOMEN ENTREPRENEUR IN INDIA: A MUSLIM MINORITY COUNTRY	85			
_,.	DR. SABIHA KHATOON	00			
18.	NOVICE TO SPECIALIST - THROUGH TRAINING AND DEVELOPMENT	89			
	MIHIR DILIP KALAMBI	33			
19.	THE FOUR CORNERS OF POLLUTER PAYS PRINCIPLE IN INDIA	94			
13.	SAMEER RAMNATH CHAVAN	J <del>-1</del>			
20	COMPARATIVE STUDY OF NON-PERFORMING ASSETS AMONG PUBLIC SECTOR BANKS	97			
20					
20.	AMAN GROVER	37			

# 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

# CO-ORDINATOR

## DR. SAMBHAV GARG

Faculty, Shree Ram Institute of Business & Management, Urjani

# ADVISORS

## PROF. M. S. SENAM RAJU

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

## PROF. M. N. SHARMA

Chairman, M.B.A., 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 Business & Management, Urjani

# EDITORIAL ADVISORY BOARD

## DR. RAJESH MODI

Faculty, YanbuIndustrialCollege, Kingdom of Saudi Arabia

## **PROF. SANJIV MITTAL**

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

## **PROF. ANIL K. SAINI**

Chairperson (CRC), GuruGobindSinghl. 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

# 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; Dewelopment 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</u>, <u>CLICK HERE</u>).

## **GUIDELINES FOR SUBMISSION OF MANUSCRIPT**

	ERING LETTER FOR SUBMISSION:	DATED:
<b>THE</b> IJRCI	EDITOR M	
Subj	ect: SUBMISSION OF MANUSCRIPT IN THE AREA OF	<u> </u>
( <u>e.g</u>	. Finance/Marketing/HRM/General Management/Economics/Psychology/L	.aw/Computer/IT/Education/Engineering/Mathematics/other, please specify)
DEA	R SIR/MADAM	
Plea	se find my submission of manuscript entitled '	' for possible publication in your journals.
	reby affirm that the contents of this manuscript are original. Furthermore, it houblication elsewhere.	has neither been published elsewhere in any language fully or partly, nor is it under review
I affi	rm that all the authors have seen and agreed to the submitted version of the	manuscript and their inclusion of names as co-authors.
	, if my/our manuscript is accepted, I/We agree to comply with the formalities journals.	s as g <mark>iven on the website</mark> of the journal & you are free to publish our contribution in any o
NAN	ME OF CORRESPONDING AUTHOR	
Desi	gnation	
	tution/College/University with full address & Pin Code	
	dential address with Pin Code	
	ile Number (s) with country ISD code	
	atsApp or Viber is active on your above noted Mobile Number (Yes/No)	
	Iline Number (s) with country ISD code	
	ail Address	
	rnate E-mail Address	
Matio	onality	
NOT	FC.	
a)		df. version is liable to be rejected without any consideration), which will start from th
b)	The sender is required to mention the following in the <b>SUBJECT COLUMN</b> of	of the mail:
D)	New Manuscript for Review in the area of (Finance/Marketing/HRM/Gene	
	Engineering/Mathematics/other, please specify)	crai wanagement, economics/1 sychology, eaw, comparel/11/
c)	There is no need to give any text in the body of mail, except the cases when	re the author wishes to give any specific message wirit to the manuscript
d)	The total size of the file containing the manuscript is required to be below!	
e)	Abstract alone will not be considered for review, and the author is required	
f)	,	d in case of non-receipt of acknowledgment from the journal, w.r.t. the submission of
٠,	manuscript within two days of submission the corresponding author is rec	

USCRIPT TITLE: The title of the paper should be in a 12 point Calibri Font. It should be bold typed, centered and fully capitalised.

manner as mentioned in the guidelines

be in italic & 11-point Calibri Font. It must be centered underneath the title.

The author (s) name or details should not appear anywhere on the body of the manuscript, except the covering letter and cover page of the manuscript, in the

AUTHOR NAME (S) & AFFILIATIONS: The author (s) full name, designation, affiliation (s), address, mobile/landline numbers, and email/alternate email address should

- 4. ACKNOWLEDGMENTS: Acknowledgements can be given to reviewers, funding institutions, etc., if any.
- 5. **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.
- 6. JEL CODE: Provide the appropriate Journal of Economic Literature Classification System code (s). JEL codes are available at www.aeaweb.org/econlit/jelCodes.php
- 7. **KEYWORDS:** JEL Code 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.
- 8. 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.
- 9. 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.
- 10. SUB-HEADINGS: All the sub-headings should be in a 8 point Calibri Font. These must be bold-faced, aligned left and fully capitalised.
- 11. MAIN TEXT: The main text should follow the following sequence:

INTRODUCTION

REVIEW OF LITERATURE

NEED/IMPORTANCE OF THE STUDY

STATEMENT OF THE PROBLEM

OBJECTIVES

**HYPOTHESES** 

RESEARCH METHODOLOGY

**RESULTS & DISCUSSION** 

FINDING

RECOMMENDATIONS/SUGGESTIONS

CONCLUSIO

LIMITATIONS

SCOPE FOR FURTHER RESEARCH

REFERENCES

APPENDIX/ANNEXURI

It should be in a 8 point Calibri Font, single spaced and justified. The manuscript should preferably not exceed 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 parentheses, horizontally centered with equation/formulae number placed at the right. The equation editor provided with standard versions of Microsoft Word should be utilized. If any other equation editor is utilized, author must confirm that these equations may be viewed and edited in versions of Microsoft Office that do 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 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 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 parentheses.
- Headers, footers, endnotes and footnotes may not be used in the document, but in short succinct notes making a specific point, may be placed in number orders following 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 Natural Gas Policy, Political Weekly, Viewed on January 01, 2012 http://epw.in/user/viewabstract.jsp

#### INDIA IS AGEING: ARE WE PREPARED?

# SNEHA BHAT ASST. PROFESSOR ANGADI INSTITUTE OF TECHNOLOGY & MANAGEMENT BELGAUM

#### **ABSTRACT**

India's population is ageing sooner than expected, and by the middle of the next decade, the country's demography will see a significant shift, according to a report by a United Nations (UN) body. The shift, when it happens, will have significant implications for policymakers as well as businesses in a country that touts its ability to reap a so-called demographic dividend of a young population as one of its competitive strengths. This shift necessitates special attention towards health care of the elderly population and also the provision of affordable and reliable medical insurance to them. Though some proportion of them, who are a part of formal workforce are covered by pension, almost 90% of the elderly, who are informal workforce do not have any medical insurance. Increasing health hazards, inflation and continued forceful employment of the elderly have created an urgent need to look into the possible solutions for the same.

#### **KEYWORDS**

Elderly, Indian Demography, Medical Insurance, Pension, Social Security.

#### INTRODUCTION

he report by the United Nations Population Fund (UNFPA) has projected a rapid increase in India's median age to 31 years in 2026 (it was 20 in the 1980s). It has also projected a 326% increase in the number of people aged between 60 and 80 by the year 2050 (from the year 2000); a 700% increase in the number of people older than 80; and a 55% increase in the country's overall population. UN projections suggest that India is "gradually but surely transitioning away from a young age structure with the elderly population soon outnumbering children in India".

The increase in numbers of elderly people also demands the attention towards the socio-economic implication it holds for the society. Clear need arises for their social security, pension plans and medical security policies. India faces substantial challenges with respect to elderly care. Though a limited section of elderly population is able reap the benefits of existing policies, the majority are still deprived of the same. Substantial programmes are already in place for the formal workforces who contribute to only 10% of the population where as remaining 90% is still far from reach. Moreover, around 75% of the population resides in the rural areas and around 1/3<sup>rd</sup> of the population live below poverty line. This paper aims at throwing light on the demographic structure of India and analyzes the necessity of a universal medical insurance policy for the elderly of India.

#### LITERATURE REVIEW

Charan Singh (2013) defines the characteristics of the elderly population in India. The number of elderly in India is rising rapidly. India's elderly population is estimated at 10 crore in 2011, and is projected to reach 20 crore by 2030. The proportion of elderly persons in the total population is expected to increase from 8.3 percent in 2011 to 12.4 percent in 2026. In this context, a few important characteristics need to be considered. In 2010, about two-third of the elderly lived in villages and nearly half were of poor socio-economic status (Lela et al, 2009). Half of the elderly are dependents mainly due to widowhood; divorce or separation and a large number of these are females (Rajan, 2001). About 60 per cent of the elderly depend on others for their day-to-day maintenance while less than 20 per cent elderly women and majority of elderly males, were economically independent. Amongst the economically dependent, 85 percent of men and 70 percent of women were supported by their children. Of the economically independent elderly, more than 90 percent supported one or more dependents. Nearly 40 per cent of elderly with 60 per cent being males were working and the proportion was higher in rural areas as 66 per cent of rural men were working compared to 39 per cent of urban men.

There is a close link between work participation, and poverty and illiteracy. Almost 60 per cent of the elderly are heads of the households that they are living in and as expected, the ratio is substantially higher amongst elderly men as compared to elderly women. On economic issues, about 27 per cent of the elderly had an outstanding loan and 13 per cent reported that the loan was taken for meeting the medical expenditure of the elderly (NSSO, 2007-08).

J Anita gives an overview on Emerging Health Insurance in India Health care has always been a problem area for India, a nation with a large population and larger percentage of this population living in urban slums and in rural area, below the poverty line. The government and people have started exploring various health financing options to manage problem arising out of increasing cost of care and changing epidemiological pattern of diseases.

The control of government expenditure to manage fiscal deficits in early 1990s has let to severe resource constraints in the health sector. Under this situation, one of the ways for the government to reduce under funding and augment the resources in the health sector was to encourage the development of health insurance. In the light of escalating health care costs, coupled with demand for health care services, lack of easy access of people from low income group to quality health care, health insurance is emerging as an alternative mechanism for financing health care.

Indian health financing scene raises number of challenges, which are:

- a. Increase in health care costs
- b. High financial burden on poor eroding their incomes
- c. Need for long term and nursing care for senior citizens because of increasing nuclear family system
- d. Increasing burden of new diseases and health risks
- e. Due to low funding of government health care, preventive and primary care and public health functions have been neglected

#### **DEMOGRAPHIC SCENARIO IN INDIA**

S I Rajan (2006) says that the size of India's elderly population aged 60 and above is expected to increase from 77 million in 2001 to 179 million in 2031and further to 301 million in 2051. The proportion is likely to reach 12 per cent in 2031 and 17 per cent in 2051. However, the sex ratio among the elderly favours males, which is contrary to the experience of other developing nations. The number of elderly persons above 70 years of age (old-old) is likely to increase more sharply than those 60 years and above. The old-old are projected to increase five-fold between 2001-2051 (from 29 million in 2001 to 132 million in 2051). Their proportion is expected to rise from 2.9 to 7.6 per cent. Although we have found excess males in the age group 60 and above, the old-old sex ratio is favourable to females. The oldest old (80+) among the elderly in India is expected to grow faster than any other age group in the population. In absolute terms, it is likely to increase four-fold from 8 million in 2001 to 32 million in 2051.

The estimated demographic structure of the elderly in India is shown below in the table No.1.

TABLE 1: NUMBER, PROPORTION AND SEX RATIO OF THE ELDERLY, 2001-2051

	2001	2011	2021	2031	2041	2051
60 and Above						
Number (in millions)	77	96	133	179	236	301
Percentage to the total population	7.5	8.2	9.9	11.9	14.5	17.3
Sex ratio (Males per 1000 Females)	1028	1034	1004	964	1008	1007
70 and above						
Number (in millions)	29	36	51	73	98	132
Percentage to the total population	2.9	3.1	3.8	4.8	6	7.6
Sex ratio (Males per 1000 Females)	991	966	970	930	891	954
80 and Above						
Number (in millions)	8	9	11	16	23	32
Percentage to the total population	0.5	0.7	0.8	1	1.4	1.8
Sex ratio (Males per 1000 Females)	1051	884	866	843	774	732

Source: S I Rajan (2006): Population Ageing and Health in India

#### **EMPLOYMENT STATUS OF THE ELDERLY POPULATION**

The need for health care increases with age as people above 65 years spend on average 1.5 times on healthcare compared to those in the 60-64 age category (Mahal et al, 2002). Financial protection for health spending is in the form of savings and insurance. Savings are meager for the elderly and insurance is also limited because of its low coverage of conditions and population. The elderly in India suffer from cardio-vascular illnesses, circulatory diseases, cancer, arthritis, hyper tension, osteoporosis, communicable diseases, high blood pressure, kidney problems, vision problems, diabetes, rheumatism and digestive disorders (Kumari, 2001; Jha et al., 2006).

In 2010, about 60 per cent of the elderly depend on others for their day-to-day maintenance while less than 20 per cent elderly women and majority of elderly males, were economically independent. Table 2 shows that nearly 40 per cent of elderly with 60 per cent being males were working and the proportion was higher in rural areas as 66 per cent of rural men were working compared to 39 per cent of urban men. The work force participation of the oldest elderly (80 years and above) also is relatively high with 13 per cent among men and 3 per cent among women. It was reported that a majority of the elderly work due to economic necessity and not by chance or choice. India does not have a population - wide mechanism of providing social security because of which people work as long as possible to support themselves (Mathew and Rajan, 2008). The impact of rising inflation lowers the income that may be allocated to health. Therefore, a large population of the elderly continues to participate in the work force.

**TABLE 2: PERCENT OF ELDERLY POPULATION WORKING** 

Place of Residence	Gender	Population Census 2001	NSSO Survey (2007-08)	
Rural	Male	66	66	
	Female	25	23	
	Person	45	45	
Urban	Male	44	39	
	Female	09	07	
	Person	26	23	
Rural + Urban	Male	60	59	
	Female	21	19	
	Person	40	39	

Source: Population Census 2001 and NSSO Survey 2007-08

## CONCLUSION

Statistics clearly show increasing elderly population in India which raises a question on our preparedness on the same. As we move towards being an older country, the need of the hour is to pay attention to the current situation and introspect our competence and readiness for handling the same. Weak economic status of the elderly, increasing health hazards alarming increase in inflation rate, which is a major concern, also complements these concerns.

#### **REFERENCES**

#### RESEARCH PAPERS

- 1. Aliyar, S. and S.I. Rajan (2008): 'Population Projections for India, 2001-2010' Centre for Development Studies, Thiruvananthapuram.
- 2. Bharati, K. and C. Singh (2013): 'Ageing in India: Need for a Comprehensive Policy', IIMB WP 421, IIM Bangalore.
- 3. Charan Singh (2013): Ageing Population in India: Select Economic Issues, IIMB WP 442, IIM Bangalore
- 4. J Anita: Emerging Health Insurance in India An overview, 10<sup>th</sup> Global Conference of Actuaries.
- 5. Mathew, E.T. and S. I. Rajan (2008): 'Employment as old age security' In Risseeuw, C. and M. Perera, editors. Institutional Provisions and Care for the Aged: Perspectives from Asian and Europe, Anthem Press, New Delhi.
- 6. Prof. K. Srinath Reddy and team (2011): A Critical Assessment of the Existing Health Insurance Models in India, Public Health Foundation of India, Gurgaon.
- 7. S I Rajan (2006): Population Ageing and Health in India, Centre for Enquiry into Health and Allied Themes, Mumbai

#### WEBSITES

- 8. http://www.medicare.gov
- 9. http://www.rsby.gov.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-mailinfoijrcm@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.







