INTERNATIONAL JOURNAL OF RESEARCH IN COMPUTER APPLICATION & MANAGEMENT



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

Index Copernicus Publishers Panel, Polandwith 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 2592 Cities in 161 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.	CUNIENIS	
140.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	THE EFFECT OF LEADERSHIP STYLES ON THE FUNCTIONAL PERFORMANCE OF EMPLOYEES IN PUBLIC INSTITUTIONS (AFIELD STUDY/ IRBID	1
	GOVERNORATE)	
	AHMAD SALEH AL-HAZAYMEH EFFICIENCY OF INDIAN STOCK MARKET: EVIDENCES BASED ON STOCK SPLITS	43
2.	SULTAN SINGH & KUMARI SAPNA	12
3.	DEALING WITH PROBLEMS AND CHALLENGES OF E-GOVERNANCE IN BANGLADESH	22
J .	KHANDAKER DAHIRUL ISLAM & MOHAMMAD NAZIMUL HOQUE	
4.	A STUDY OF THE IMPACT OF URBANIZATION ON AGRICULTURE CROPPING PATTERN	26
	DR. UMA. H. R & MADHU. G. R	
5.	LANDSCAPING DISABILITY EDUCATION IN INDIA: A STUDY OF NORTH INDIAN CITY DR. PRATAP THAKUR, DR. SHAVETA MENON & DR. J. S. SAINI	30
6.	ORGANIZATIONAL ROLE STRESS AND JOB SATISFACTION IN BANK OFFICERS: A STUDY	34
0.	DR. D. V. RAMANA MURTHY & MAZHARUNNISA	
7.	FINANCIAL PERFORMANCE ANALYSIS OF BHARAT PETROLEUM CORPORATION LIMITED	39
	DR. V. K. GUPTA, DR. ANIL KUMAR GOYAL & PAWAN KUMAR	
8.	ACTIVE LEARNING THROUGH THE INTEGRATION OF 3D VIRTUAL ENVIRONMENT I.MUTHUCHAMY & K.THIYAGU	45
9.	A THEORETICAL REVIEW OF LITERATURE ON JOB SATISFACTION	48
<i>J</i> .	DR. KALPANA KONERU & HYMAVATHI CHUNDURI	10
10.	A STUDY ON FACTORS THAT INFLUENCE CUSTOMERS TO ADOPT INTERNET BANKING SERVICES	54
	A. MEHARAJ BANU & DR. N. SHAIK MOHAMED	
11.	NEED OF FINANCIAL INCLUSION FOR INCLUSIVE GROWTH	59
12.	AJAY SIDANA & NEERU SIDANA CEMENT INDUSTRY: SCOPE FOR DIFFERENTIATION	62
12.	ANIL KUMAR PILLAI & DR. SHANTHI VENKATESH	02
13.	WHAT THE INDIAN MUSLIMS THINK ABOUT ISLAMIC FINANCE: AN EMPIRICAL STUDY	68
	NISSAR AHMAD YATOO & DR. S.SUDALAIMUTHU	
14.	STRUCTURAL CHANGE IN EASTERN STATES OF INDIA	70
15	TINA SINGH INNOVATION AND ENTREPRENEURSHIP IN KNOWLEDGE BASED ECONOMY	74
15 .	DR. VIDHU GAUR	74
16.	A STUDY ON SAVING AND INVESTMENT METHODS OF SCHOOL TEACHERS IN BIDAR TALUKA, KARNATAKA	78
	SANGASHETTY SHETKAR	
17 .	USE OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) PRODUCTS AND SERVICES IN UNIVERSITY LIBRARIES OF TIRUPATI (A.P.): AN	83
	ANALYTICAL STUDY	
10	Dr. D. KONAPPA EMOTIONAL INTELLIGENCE AND THINKING STYLE IN ORGANIZATIONS: A COMPARATIVE ANALYSIS	88
18.	DR. SOUMYA MISHRA	00
19.	ENTERING INTO INDIAN RETAIL SECTOR	97
	PARAMJEET KAUR	
20.	MEASURING FINANCIAL STRENGTH OF A TEXTILE COMPANY BY 'Z' SCORE MODEL: A CASE STUDY	102
24	A.S.MANJULAKSHMI ANALYSIS OF RECRUITMENT AND SELECTION PROCESS AT SBI LIFE INSURANCE COMPANY LIMITED	100
21.	P SWETHA	108
22.	STRUCTURAL CHANGE IN WESTERN STATES OF INDIA	113
	TINA SINGH	
23.	PSYCHOLOGICAL WELL-BEING OF NIGERIAN NON-ACADEMIC STAFF AS A CONSEQUENCE OF ATTITUDES TOWARD SAVINGS, MONETARY	117
۷٥.	INVESTMENT AND COOPERATIVE LOANS	
23.	ARAMIDE, OLUFEMI KUNLE, OMISORE, OLUFUNMILAYO OLASUNBO & ADERIBIGBE, JOHN KOLAWOLE AN OVERVIEW ON THE EXPORTS-IMPORTS TREND IN CROSS-BORDER TRADE THROUGH NATHULA PASS, SIKKIM	40-
	AN OVERVIEW ON THE EXPORTS-IMPORTS TREND IN CROSS-BORDER TRADE THROUGH NATHOLA PASS, SIKKIM	
	SANJAYA KUMAR SUBBA & PRAVEEN RIZAL	125
24.	SANJAYA KUMAR SUBBA & PRAVEEN RIZAL BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE	
24. 25.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER	125
24. 25.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER	
24. 25.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS	129
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE	129 139
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH	129
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE	129 139
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM	129 139 147
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM AN EMPIRICAL STUDY ON ATTITUDE AND KNOWLEDGE OF UNIVERSITY STUDENTS TOWARDS ENTREPRENEURS AND ENTREPRENEURSHIP:	129 139 147
24. 25. 26.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM AN EMPIRICAL STUDY ON ATTITUDE AND KNOWLEDGE OF UNIVERSITY STUDENTS TOWARDS ENTREPRENEURS AND ENTREPRENEURSHIP: PERSPECTIVE OF BANGLADESH RAKIB AHMED & TANUZA NATH ANALYSIS OF THE EFFECTS OF MICRO CREDIT ON RURAL HOUSEHOLD INCOME: EVIDENCE FROM RURAL MICROFINANCE PARTICIPANTS IN	129 139 147 154
24. 25. 26. 27. 28.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM AN EMPIRICAL STUDY ON ATTITUDE AND KNOWLEDGE OF UNIVERSITY STUDENTS TOWARDS ENTREPRENEURS AND ENTREPRENEURSHIP: PERSPECTIVE OF BANGLADESH RAKIB AHMED & TANUZA NATH ANALYSIS OF THE EFFECTS OF MICRO CREDIT ON RURAL HOUSEHOLD INCOME: EVIDENCE FROM RURAL MICROFINANCE PARTICIPANTS IN EASTERN TIGRAY, ETHIOPIA	129 139 147 154
24. 25. 26. 27. 28.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM AN EMPIRICAL STUDY ON ATTITUDE AND KNOWLEDGE OF UNIVERSITY STUDENTS TOWARDS ENTREPRENEURS AND ENTREPRENEURSHIP: PERSPECTIVE OF BANGLADESH RAKIB AHMED & TANUZA NATH ANALYSIS OF THE EFFECTS OF MICRO CREDIT ON RURAL HOUSEHOLD INCOME: EVIDENCE FROM RURAL MICROFINANCE PARTICIPANTS IN EASTERN TIGRAY, ETHIOPIA HAFTOM BAYRAY, KAHSAY	129 139 147 154
24. 25. 26. 27. 28.	BENEFITS ASSOCIATED WITH BRAND LOYALTY IN THE PURCHASE OF SILK SAREES AMONG WOMEN CUSTOMERS IN THE CITY OF BANGALORE SHEETHAL JOSE & LAKSHMI SHANKAR IYER EFFECT OF PSYCHOSOCIAL FACTORS ON CAREER AND JOB SATISFACTIONS AMONG ADMINISTRATIVE STAFF OF NIGERIAN HIGHER INSTITUTIONS' HOSPITALS ARAMIDE, OLUFEMI KUNLE, ALIMI, TALAYO JAMIU & ADERIBIGBE, JOHN KOLAWOLE STATUS, PROBLEMS AND PROSPECTS OF REMITTANCE INFLOW IN BANGLADESH MOHAMMAD OMAR FARUK & ROKSHANA ALAM AN EMPIRICAL STUDY ON ATTITUDE AND KNOWLEDGE OF UNIVERSITY STUDENTS TOWARDS ENTREPRENEURS AND ENTREPRENEURSHIP: PERSPECTIVE OF BANGLADESH RAKIB AHMED & TANUZA NATH ANALYSIS OF THE EFFECTS OF MICRO CREDIT ON RURAL HOUSEHOLD INCOME: EVIDENCE FROM RURAL MICROFINANCE PARTICIPANTS IN EASTERN TIGRAY, ETHIOPIA	129 139 147 154

CHIEF PATRON

PROF. K. K. AGGARWAL

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

FOUNDER PATRON

LATE SH. RAM BHAJAN AGGARWAL

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

CO-ORDINATOR

DR. SAMBHAV GARG

Faculty, Shree Ram Institute of Business & Management, Urjani

ADVISORS

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. S. L. MAHANDRU

Principal (Retd.), MaharajaAgrasenCollege, Jagadhri

EDITOR

PROF. R. K. SHARMA

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

EDITORIAL ADVISORY BOARD

DR. RAJESH MODI

Faculty, YanbulndustrialCollege, Kingdom of Saudi Arabia

PROF. PARVEEN KUMAR

Director, M.C.A., Meerut Institute of Engineering & Technology, Meerut, U. P.

PROF. H. R. SHARMA

Director, Chhatarpati Shivaji Institute of Technology, Durg, C.G.

PROF. MANOHAR LAL

Director & Chairman, School of Information & Computer Sciences, I.G.N.O.U., New Delhi

PROF. ANIL K. SAINI

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

PROF. R. K. CHOUDHARY

Director, Asia Pacific Institute of Information Technology, Panipat

DR. ASHWANI KUSH

Head, Computer Science, UniversityCollege, KurukshetraUniversity, Kurukshetra

DR. BHARAT BHUSHAN

Head, Department of Computer Science & Applications, GuruNanakKhalsaCollege, Yamunanagar

DR. VIJAYPAL SINGH DHAKA

Dean (Academics), Rajasthan Institute of Engineering & Technology, Jaipur

DR. SAMBHAVNA

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

DR. MOHINDER CHAND

Associate Professor, KurukshetraUniversity, Kurukshetra

DR. MOHENDER KUMAR GUPTA

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

DR. SAMBHAV GARG

Faculty, Shree Ram Institute of Business & Management, Urjani

DR. SHIVAKUMAR DEENE

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

DR. BHAVET

Faculty, Shree Ram Institute of Business & Management, Urjani

ASSOCIATE EDITORS

PROF. ABHAY BANSAL

Head, Department of Information Technology, Amity School of Engineering & Technology, Amity University, Noida

PROF. NAWAB ALI KHANDepartment of Commerce, AligarhMuslimUniversity, Aligarh, U.P.

ASHISH CHOPRA

Sr. Lecturer, Doon Valley Institute of Engineering & Technology, Karnal

TECHNICAL ADVISOR

AMITA

Faculty, Government M. S., Mohali

FINANCIAL ADVISORS

DICKIN GOYAL

Advocate & Tax Adviser, Panchkula

NEENA

Investment Consultant, Chambaghat, Solan, Himachal Pradesh

LEGAL ADVISORS

JITENDER S. CHAHAL

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

CHANDER BHUSHAN SHARMA

Advocate & Consultant, District Courts, Yamunanagar at Jagadhri

SUPERINTENDENT

SURENDER KUMAR POONIA

CALL FOR MANUSCRIPTS

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

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

GUIDELINES FOR SUBMISSION OF MANUSCRIPT

	DATED:
THE EDITOR	
URCM	
Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF	
(e.g. Finance/Marketing/HRM/General Management/Economics/Psychologics)	gy/Law/Computer/IT/Engineering/Mathematics/other, please specify)
DEAR SIR/MADAM	
Please find my submission of manuscript entitled '	' for possible publication in your journals.
hereby affirm that the contents of this manuscript are original. Furthermor under review for publication elsewhere.	re, it has neither been published elsewhere in any language fully or partly, nor is 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 focontribution in any of your journals.	ormalities as given on the website of the journal & you are free to publish our
NAME OF CORRESPONDING AUTHOR:	
Designation:	
Affiliation with full address, contact numbers & Pin Code: Residential address with Pin Code:	
Mobile Number (s):	
, ,	
andline Number (s):	
Landline Number (s): E-mail Address:	

1.

- 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)
- 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.
- 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.
- 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.
- MANUSCRIPT TITLE: The title of the paper should be in a 12 point Calibri Font. It should be bold typed, centered and fully capitalised.
- HOR NAME (S) & AFFILIATIONS: The author (s) full name, designation, affiliation (s), address, mobile/landline numbers, and email/alternate email 3. address should be in italic & 11-point Calibri Font. It must be centered underneath the title.
- 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

FINDINGS

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.

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, 19–22 June.

UNPUBLISHED DISSERTATIONS AND THESES

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

STRUCTURAL CHANGE IN WESTERN STATES OF INDIA

TINA SINGH ASST. PROFESSOR MATA GUJRI COLLEGE FATEHGARH SAHIB

ABSTRACT

Structural transformation is a gradual change in the basic structure of an economy. It is linked with the development process and prevails in mostly all economies of the world. The present paper attempts to study structural change in addition to certain socio-economic indicators in the western states of India. Time period of the study is from 1980-81 to 2010-11. A distinguishing characteristic of structural change in these states has been a decline in the share of primary sector in the NSDP and an increase in the share of secondary and tertiary sectors in the NSDP. Urbanisation, an important indicator of structural transformation was found in all western states but in varying levels. It was highest for Maharashtra initially and was taken over by Goa in the succeeding years, whereas Rajasthan showed the least rate of urbanization throughout so much so that it showed figures below the All India level at all points of time. Some degree of inequality was also found in the western states with urban inequality being greater than rural during all points of time. Highest level of inequality was found in Maharashtra majority of time. Gujarat, Rajasthan and Goa interchangeably showed the least levels throughout the time period. The socio-economic indicator of population below poverty line has witnessed Goa performing well by showing the least rates amongst the rest of western states. In the demographic indicators of sex ratio and literacy, Goa has performed much better than rest of states in the West in both the indicators.

JEL CODES

00,01

KEYWORDS

Primary sector, secondary sector, structural change, structural transformation, tertiary sector.

1. INTRODUCTION

tructural transformation is a unique feature prevailing in mostly all economies of the world. The economies may be national or regional in nature. India too has observed a gradual structural change in the past decades. The present study is of structural change and certain socio-economic indicators of the western states of India. An attempt is made to study the manner in which the adjoining states located in the West are transforming with time. The time period of the study is from 1980-81 to 2010-11. Major sources of data have been CSO, RBI publications, Planning Commission and Socio-economic Review of States.

The western states have performed well in the last few years with some degree of disparity among them. Rajasthan attributes its growth to the primary sector with a fairly strong tertiary sector. Performance of Goa and Maharashtra was dependent on their secondary and tertiary sectors while that of Gujarat was spread reasonably over the three sub-sectors i.e. primary, secondary and tertiary.

Structural transformation in an economy is defined as the reallocation of economic activity across three broad sectors (agriculture, manufacturing, and services) that accompany the process of modern economic growth. Major structural shifts in output and employment accompany a sustained and rapid growth of per capita output of a country has been a well-known fact since the original studies of economic growth by Fisher, Clark and Kuznets. Such structural shifts have been seen as mechanisms influencing the pace of growth as well as being the result of growth. Either of two tripartite divisions of the economy closely resembling each other—the primary-secondary-tertiary or agriculture-industry-services divisions—have been used to describe the typical pattern of structural change associated with what Kuznets called modern economic growth.

2. REVIEW OF LITERATURE

Research has been conducted since long across the world to study the process of structural change/transformation in various economies. Choliz and Duarte (2004) analysed the structural and technological changes in the Spanish economy between 1980 and 1994; Giesecke (2005) investigated the sources of growth and change in the Australian economy over the period 1996/97 – 2001/02 relying on the results from historical and decomposition simulations with the MONASH model. Memedovic and lapadre (2009) in their paper presented a quantitative analysis of sectoral trends in the global economy and the historical evolution of agriculture, industry and services in terms of their share of world value added. The analysis referred to six continental regions and covers a period of 40 years. All studies found the occurrence of structural transformation in these economies. Moving closer, the prevalence of structural transformation has also been witnessed in the Indian sub-continent. Venkatramaiah, Kulkarni and Argade (1984) in their study have examined the structural changes that have taken place in the Indian economy covering the time period 1951 to 1963 i.e. the initial decade of the plan period using the input-output tables. Sastry, Singh, Bhattacharya and Unnikrishnan (2003) examined the growth of linkage among the agriculture, industry and services sectors in the economy, using both an input-output framework and a simultaneous equation framework during the period 1970-71 to 2000-01. Looking at the sub-national level too, Singh and Joshi (1989) have examined the structural changes in the economy of Uttar Pradesh for the period 1970-71 to 1977-78 by using the input-output analysis. Kannan (2005) has attempted to place the debate on Kerala's lopsided development in a balanced perspective by analysing the turnaround in growth. The above studies highlight the prevalence of structural transformation in all economies; at national or state level thus suggesting a firm base to the present study of structural change and certain socio-e

3. STATEMENT OF THE PROBLEM

The present paper attempts to study structural change/transformation in addition to certain socio-economic indicators in the western states of India. It determines the relative performance of the western states viz-a- via each other in various indicators of structural change in the last few decades.

4. OBJECTIVES

- 1. To find whether the state economies of West India are undergoing any structural change/transformation.
- ${\bf 2.}\ To\ determine\ the\ relative\ performance\ of\ the\ states\ of\ West\ India\ on\ various\ socio-economic\ indicators.$

5. DATA ANALYSIS, RESULTS AND DISCUSSION

5.1 COMPOSITION OF NSDP OF WESTERN STATES

Table 1 presents the estimates of the shares of primary, secondary and tertiary sectors in NSDP for the years 1980-81, 1990-91, 2000-01 and 2010-11. It is observed that structural transformation has taken place in all the four states of West India with prominent interstate differences.

During 1980-81, Rajasthan held the first and Gujarat held the second position in the primary sector each having a share of 52.26% and 40.80% in the NSDP. They were followed by Goa whose share was 28.54% which was followed by Maharashtra with a share of 28.10% in the NSDP. All four states witnessed a decline in

the share of primary sector in NSDP with Rajasthan showing a steep fall of around 20% where its primary sector's share decreased from 49.18% in 1990-91 to 28.51% in 2000-01. The decline was witnessed by all four states at all points of time with the exception of the last decade where Rajasthan, Gujarat and Goa saw a marginal increase in the share of their primary sectors in the NSDP. It was only Maharashtra which saw a continuous and gradual decline in the primary sector's share in NSDP.

The declined share of primary sector in NSDP in the Western States has been absorbed by a rise in the secondary and tertiary sectors. The share of secondary sector did not show a significant increase in these states rather tended to decline at some points of time. The highest share of secondary sector in NSDP in 1980-81 was shown by Maharashtra (35.09%) followed by Goa (29.66%) and Gujarat (27.24%). Rajasthan showed the least share of 18.02% for the same year and rose to 23.22% in 2010-11. The years following 1980-81 saw Maharashtra and Goa show varying shares of secondary sector in NSDP. It was only Gujarat to have shown a gradual increase of secondary sector from 27.24% in 1980-81 to 30.91% in 1990-91 to 32.63% in 2000-01 and finally to 33.60% in 2011.

A unique feature of these economies has been the increasing importance of the tertiary sector. The economies dominated by the primary sector initially have transformed to be predominantly service sector based. Maharashtra and Goa have shown highest share of tertiary sector in NSDP through all points of time. For Maharashtra it was 36.80% in 1980-81, rose to 43.01% in 1990-91, 57.92% in 2000-01 and finally to 58.52% in 2010-11. Similarly, for Goa it was 41.78% in 1980-81, increased to 47.84% in 1990-91, rose to 53.17% in 2000-01 and declined marginally to 46.24% in 2010-11. Next in line was Gujarat followed by Rajasthan. The share of tertiary sector in NSDP has shown an increase for Maharashtra and Rajasthan throughout whereas it tended to fall slightly in the last decade for Goa and Gujarat.

TABLE 1: COMPOSITION OF NSDP OF WESTERN STATES (In Percent)

The End of					
		1980-81	1990-91	2000-01	2010-11
RAJASTHAN	Primary Sector	52.26	49.18	28.51	31.71
	Secondary Sector	18.02	17.79	26.57	23.22
	Tertiary Sector	29.70	33.02	44.90	45.06
GUJARAT	Primary Sector	40.80	33.31	19.01	23.51
	Secondary Sector	27.24	30.91	32.63	33.60
	Tertiary Sector	31.95	35.76	48.34	42.88
MAHARASHTRA	Primary Sector	28.10	23.47	17.28	13.42
	Secondary Sector	35.09	33.52	24.79	28.05
	Tertiary Sector	36.80	43.01	57.92	58.52
GOA	Primary Sector	28.54	21.71	14.85	23.66
	Secondary Sector	29.66	30.44	31.97	30.09
	Tertiary Sector	41.78	47.84	53.17	46.24

Source: CSO

5.2 URBANISATION

The period under study saw a rise in the process of urbanisation in all the western states of India. As depicted in **Table 2** it was seen that the rate of urbanization was highest for Maharashtra in 1981 being 35.03% which was taken over by Goa in the succeeding years. Goa showed an urbanization rate of 41.01% in 1991 which rose to 49.76% in 2001 and finally with a major increase of 12% became 62.17% in 2011. It was followed by Maharashtra and Gujarat in the respective years with Rajasthan on the fourth place throughout bearing the least figures of 21.05% in 1981, 22.88% in 1991, 23.39% in 2001 and 24.89% in 2011. Rajasthan was the only western state to have shown urbanization rates below the All India level at all points of time of the study.

TABLE 2: URBANISATION (In Percent)

States	1981	1991	2001	2011
RAJASTHAN	21.05	22.88	23.39	24.89
GUJARAT	31.10	34.49	37.36	42.58
MAHARASHTRA	35.03	38.69	42.43	45.23
GOA	32.03	41.01	49.76	62.17
ALL INDIA	23.34	25.71	27.81	31.16

Source: Socio Economic Review of Gujarat

5.3 GINNI CO-EFFICIENT

Table 3 shows the Ginni Co-efficient values for West India. Ginni Co-efficient measures the level of inequality in population. Lower the Ginni Co-efficient greater is the level of equal distribution with 0 corresponding to complete equality. Higher the Ginni Co-efficient higher is the level of unequal distribution with 1 corresponding to complete inequality.

All states of West India showed a greater level of inequality in the urban areas as compared to the rural for all points of time. Gujarat showed the minimum in the rural sector in the years 1983-84 (0.25) and 1993-94 (0.23) while Rajasthan showed the least values in 1999-00 (0.20) and 2004-05 (0.24). However, the lowest level of inequality was taken over by Goa in 2009-10 by showing the least Ginni Co-efficient of (0.21) as compared to the rest of western states. In case of urban sector, Gujarat showed the least values for the majority of the years being 0.26 in 1983-84, 0.28 in 1993-94, 0.28 in 1999-00, 0.30 in 2004-05 and finally 0.32 in 2009-10. Maharashtra shows the highest level of inequality for the major time period in both rural and urban sectors with the exception in 1983-84 where Rajasthan showed the maximum in the rural sector (0.34) and in 2004-05 where Goa showed the maximum in the urban sector (0.40).

The Ginni Co-efficient of the Western States was less than the All India level at various points of time (with the exception of Maharashtra, Goa and Rajasthan in certain years) thereby representing a greater level of equality in West India than seen at the national level.

TABLE 3: GINNI COEFFICIENT				
	Rural	Urban		
1983-84				
RAJASTHAN	0.34	0.30		
GUJARAT	0.25	0.26		
MAHARASHTRA	0.28	0.32		
GOA	N.A.	N.A.		
ALL INDIA	0.29	0.32		
1993-94				
RAJASTHAN	0.26	0.29		
GUJARAT	0.23	0.28		
MAHARASHTRA	0.30	0.35		
GOA	N.A.	N.A.		
ALL INDIA	0.28	0.34		
1999-2000				
RAJASTHAN	0.20	0.28		
GUJARAT	0.23	0.28		
MAHARASHTRA	0.25	0.34		
GOA	N.A.	N.A.		
ALL INDIA	0.26	0.34		
2004-05				
RAJASTHAN	0.24	0.36		
GUJARAT	0.26	0.30		
MAHARASHTRA	0.30	0.37		
GOA	0.29	0.40		
ALL INDIA	0.30	0.37		
2009-10				
RAJASTHAN	0.22	0.37		
GUJARAT	0.25	0.32		
MAHARASHTRA	0.26	0.41		
GOA	0.21	0.40		
ALL INDIA	0.29	0.38		
Source: Plannin	g Comm	iccion		

Source: Planning Commission

5.4 POPULATION BELOW POVERTY LINE

Population below poverty line is depicted in **Table 4** for western states of India and it shows that Maharashtra had the highest level of poverty in 1983-84 (43.44%). It fell to 36.86% in 1993-94 and further to 25.02% in 1999-2000. However it showed a slight increase of around 5% in 2004-05 and became 30.7%. Maharashtra was followed by Rajasthan which showed poverty rate of 34.46% in 1983-84 and fell to 22.1% in 2004-05. Similarly, Gujarat also witnessed a fall in its poverty level from 32.79% in 1983-84 to nearly its half (16.8%) in 2004-05. Goa performed the best by showing least poverty levels of 18.9% in 1983-84. It fell further to 14.92% in 1993-94 and to 4.40% in 1999-00. However like all other western states, Goa also witnessed an increase in poverty levels in 2004-05. Besides Maharashtra all western states showed poverty levels below the national level at all points of time.

TABLE 4: POPULATION BELOW POVERTY LINE (In Percent)

States	1983-84	1993-94	1999-2000	2004-05
RAJASTHAN	34.46	27.41	15.28	22.10
GUJARAT	32.79	24.21	14.07	16.8
MAHARASHTRA	43.44	36.86	25.02	30.70
GOA	18.90	14.92	04.40	13.80
ALL INDIA	44.48	35.97	26.10	27.50

Source: Planning Commission

5.5 SEX RATIOS

In the present indicator of sex ratio (**Table 5**), Goa has performed well viz- a via the rest of the western states at all points of time having values of 975, 967, 960 and 968 in 1981, 1991, 2001 and 2011 respectively which are much higher than the national level during the same time period. Goa has been the only saving grace to have pulled off well as compared to the other western states but has shown a downward trend in its values from 1981 to 2001. It was only in 2011 that it showed a rise in the sex ratio to 968. It was followed by Gujarat where the sex ratio was 942 in 1981 and slipped to 918 in 2011 not showing a very impressive picture. Similarly, Maharashtra showed a figure of 937 in 1981 and dropped to 925 in 2011. Rajasthan was the only state which managed to show a little increase in the sex ratio overtime. It rose from 919 in 1981 to 926 in 2011.

TABLE 5: SEX RATIOS

11.000000000000000000000000000000000000				
States	1981	1991	2001	2011
RAJASTHAN	919	910	922	926
GUJARAT	942	934	921	918
MAHARASHTRA	937	934	922	925
GOA	975	967	960	968
ALL INDIA	934	927	933	940

Source: Planning Commission

5.6 LITERACY RATES

The state of Goa showed the highest figures in the literacy rates too which gradually increased through the entire time period. It showed literacy rates of 65.71%, 75.51%, 82.01% and 87.40% in 1981, 1991, 2001 and 2011 respectively which were much higher than the national figures of 43.57%, 52.21%, 64.84% and 74.04% for the same time period. It was followed by Maharashtra and Gujarat whose rates increased over time. Rajasthan showed a dismal state here too by showing the least rates at all points of time. The rates rose from 30.11% in 1981 to 38.55% in 1991, with a huge leap of 22% in 2001 it reached to a figure of

60.41% and finally to 67.06% in 2011. Rajasthan was the only state to have figures well below the national level. Gujarat and Maharashtra, even though having figures lower than Goa managed to remain above the All India level.

TABLE 6: LITERACY RATES (Percent)

States	1981	1991	2001	2011
RAJASTHAN	30.11	38.55	60.41	67.06
GUJARAT	44.92	61.29	69.14	79.31
MAHARASHTRA	57.24	64.87	76.88	82.91
GOA	65.71	75.51	82.01	87.40
ALL INDIA	43.57	52.21	64.84	74.04

Source: Planning Commission

6. CONCLUSION

The present study throws light on various interconnected factors which determine the process of structural transformation in the states of West India. A distinctive characteristic of structural change in these states has been seen in the declining share of primary sector in the NSDP and the increasing share of secondary and tertiary sectors in NSDP during the time period of the study. Maharashtra followed by Goa have shown the highest shares of services sector in the NSDP followed by Gujarat. Rajasthan, although being an agriculturally dominated state has also witnessed a rise in the services sector.

One of the important indicators of structural transformation is urbanization which was found in all western states but in varying levels. It was seen that the rate of urbanization was highest for Maharashtra in 1981 initially and was taken over by Goa in the succeeding years. Whereas Rajasthan had the least rate of urbanization throughout the period under study so much so that it was the only western state to have shown figures below the All India level at all points of time.

Inequality was also witnessed in the western states with urban inequality being greater than rural during all points of time. Gujarat, Rajasthan and Goa interchangeably showed the least levels throughout the time period. Highest level of inequality was found in Maharashtra at majority of time. The Ginni Coefficient of the Western States was less than the All India level at various points of time (with the exception of Maharashtra, Goa and Rajasthan in certain years) thereby representing a greater level of equality in West India than seen at the national level.

The socio-economic indicator of population below poverty line has witnessed Goa outperforming the other western states by showing the least rates in population below poverty line throughout the time period. Maharashtra on the other hand, witnessed the maximum poverty levels and the only western state to show poverty rates above the national level at all points of time.

In case of demographic indicator of sex ratio, Goa has shown the highest figures with Rajasthan showing the least. Goa showed the highest rates of literacy too followed by Maharashtra. It was Rajasthan to have faired the worst amongst the rest.

Thus, structural transformation is taking place which is an important feature of development with Goa leading in majority of indicators followed by Maharashtra in the other few than rest of West India on various indicators. Appropriate steps need to be taken so that these states may develop in a progressive manner so as to achieve balanced growth and development and be in harmony with each other.

7. SCOPE OF THE FUTURE RESEARCH

The present study was conducted taking into consideration only the western states of India. It can be further extended to study structural change by including various other states of India and India as a whole. Apart from this structural change in nations other than India can be studied individually or in comparative terms. Taking into consideration the limitations of the study, as the data were mainly collected from secondary sources, certain gaps in data were found in few indicators due to the non-availability of data for specific years from the same source.

REFERENCES

- 1. Central Statistical Organisation
- 2. Clark, C. (1940): "The Conditions of Economic Progress," London: Macmillan.
- 3. Fisher, A.G.B. (1939): "Production, Primary, Secondary and Tertiary," Economic Record, Vol 15, pp 24-38.
- 4. Giesecke, J. (2005): "Structural Change and the Australian Economy, 1996/97-2001/02", Paper presented to the School of Commerce Seminar. University of South Australia. Viewed on 15 May, 2013 www.unisa.edu.au/commerce/events/docs/2005/giesecke
- 5. Kannan, K.P. (2005): "Kerala's Turnaround in Growth: Role of Social Development, Remittances and Reform", Economic and Political Weekly, Vol 40, pp 548-54
- 6. Kuznets, S. (1961): "Quantitative Aspects of the Economic Growth of Nations: IV. Long Term Trends in Capital Formation Proportions", Economic Development and Cultural Change, Vol 9, pp 1-124.
- 7. Memedovic, O. and Lelio, A. (2009): "Structural Change in the World Economy: Main Features and Trends", Working Paper 24/2009, Research and Statistics Branch, United Nations Industrial Development Organisation. Viewed on 25 May, 2013 http://www.unido.org/fileadmin/user_media/Publications/Research_and_statistics/Branch_publications/Research_and_Policy/Files/Working_Papers/2009/WP%2024%20Structural%20Change%20in%20the%20W orld%20Economy%20-%20Main%20Features%20and%20Trends.pdf
- 8. Planning Commission Website: Databook on DCH, April, 2013. Viewed on 25 June, 2013 www.planningcommission.org.in
- 9. RBI's Handbook of Statistics of Indian Economy 2010-2011.
- Sastry, D.V.S., Singh, B., Bhattacharya, K. and Unnikrishnan, N.K. (2003): "Sectoral Linkages and Growth Prospects: Reflections on the Indian Economy," Economic and Political Weekly, Vol 38, pp 2390-97.
- 11. Singh, S. and Joshi, Y. (1989): "Structural Changes in the Economy of Uttar Pradesh during Seventies: An Input-Output Study", The Indian Economic Journal, Vol 37, pp 19-27.
- 12. Socio Economic Review of Gujarat, 2010-2011.
- 13. Venkatramaiah, P., Kulkarni, A.R. and Argade, L. (1984): "Structural Changes in Indian Economy: An Analysis with Input-Output Tables, 1951-1963", Artha Vijnana, Vol 26, pp 1-187.

REQUEST FOR FEEDBACK

Dear Readers

At the very outset, International Journal of Research in Computer Application and 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

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.







