INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT & 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.

Registered & Listed at: Index Copernicus Publishers Panel, Poland & number of libraries all around the world.

Circulated all over the world & Google has verified that scholars of more than 1667 Cities in 145 countries/territories are visiting our journal on regular basis.

CONTENTS

	<u> </u>	
Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	EFFICIENCY AND PERFORMANCE OF e-LEARNING PROJECTS IN INDIA	1
2.	SANGITA RAWAL, DR. SEEMA SHARMA & DR. U. S. PANDEY AN ADAPTIVE DECISION SUPPORT SYSTEM FOR PRODUCTION PLANNING: A CASE OF CD REPLICATOR SIMA SEDIGHADELI & REZA KACHOUIE	5
3.	CONSTRUCT THE TOURISM INTENTION MODEL OF CHINA TRAVELERS IN TAIWAN WEN-GOANG, YANG, CHIN-HSIANG, TSAI, JUI-YING HUNG, SU-SHIANG, LEE & HUI-HUI, LEE	9
4.	FINANCIAL PLANNING CHALLENGES AFFECTING IMPLEMENTATION OF THE ECONOMIC STIMULUS PROGRAMME IN EMBU COUNTY, KENYA PAUL NJOROGE THIGA, JUSTO MASINDE SIMIYU, ADOLPHUS WAGALA, NEBAT GALO MUGENDA & LEWIS KINYUA KATHUNI	15
5.	IMPACT OF ELECTRONIC COMMERCE PRACTICES ON CUSTOMER E-LOYALTY: A CASE STUDY OF PAKISTAN TAUSIF M. & RIAZ AHMAD	22
6.	SOCIAL NETWORKING IN VIRTUAL COMMUNITY CENTRES: USES AND PERCEPTION AMONG SELECTED NIGERIAN STUDENTS DR. SULEIMAN SALAU & NATHANIEL OGUCHE EMMANUEL	26
7.	EXPOSURE TO CLIMATE CHANGE RISKS: CROP INSURANCE DR. VENKATESH. J., DR. SEKAR. S., AARTHY. C. & BALASUBRAMANIAN. M	32
8.	SCENARIO OF ENTERPRISE RESOURCE PLANNING IMPLEMENTATION IN SMALL AND MEDIUM SCALE ENTERPRISES DR. G. PANDURANGAN, R. MAGENDIRAN, L.S. SRIDHAR & R. RAJKOKILA	35
9.	BRAIN TUMOR SEGMENTATION USING ALGORITHMIC AND NON ALGORITHMIC APPROACH K.SELVANAYAKI & DR. P. KALUGASALAM	39
10.	EMERGING TRENDS AND OPPORTUNITIES OF GREEN MARKETING AMONG THE CORPORATE WORLD DR. MOHAN KUMAR. R, INITHA RINA.R & PREETHA LEENA .R	45
11.	DIFFUSION OF INNOVATIONS IN THE COLOUR TELEVISION INDUSTRY: A CASE STUDY OF LG INDIA DR. R. SATISH KUMAR, MIHIR DAS & DR. SAMIK SOME	51
12.	TOOLS OF CUSTOMER RELATIONSHIP MANAGEMENT – A GENERAL IDEA T. JOGA CHARY & CH. KARUNAKER	56
13.	LOGISTIC REGRESSION MODEL FOR PREDICTION OF BANKRUPTCY ISMAIL B & ASHWINI KUMARI	58
14.	INCLUSIVE GROWTH: REALTY OR MYTH IN INDIA DR. KALE RACHNA RAMESH	65
15.	A PRACTICAL TOKENIZER FOR PART-OF SPEECH TAGGING OF ENGLISH TEXT BHAIRAB SARMA & BIPUL SHYAM PURKAYASTHA	69
16.	KEY ANTECEDENTS OF FEMALE CONSUMER BUYING BEHAVIOR WITH SPECIAL REFERENCE TO COSMETICS PRODUCT DR. RAJAN	72
17.	MANAGING HUMAN ENCOUNTERS AT CLASSROOMS - A STUDY WITH SPECIAL REFERENCE TO ENGINEERING PROGRAMME, CHENNAI DR. B. PERCY BOSE	77
18.	THE IMPACT OF E-BANKING ON PERFORMANCE – A STUDY OF INDIAN NATIONALISED BANKS MOHD. SALEEM & MINAKSHI GARG	80
19.	UTILIZING FRACTAL STRUCTURES FOR THE INFORMATION ENCRYPTING PROCESS UDAI BHAN TRIVEDI & R C BHARTI	85
20.	IMPACT OF LIBERALISATION ON PRACTICES OF PUBLIC SECTOR BANKS IN INDIA DR. R. K. MOTWANI & SAURABH JAIN	89
21.	THE EFFECTIVENESS OF PERFORMANCE APPRAISAL ON ITES INDUSTRY AND ITS OUTCOME DR. V. SHANTHI & V. AGALYA	92
22.	CUSTOMERS ARE THE KING OF THE MARKET: A PRICING APPROACH BASED ON THEIR OPINION - TARGET COSTING SUSANTA KANRAR & DR. ASHISH KUMAR SANA	97
23.	WHAT DRIVE BSE AND NSE? MOCHI PANKAJKUMAR KANTILAL & DILIP R. VAHONIYA	101
24.	A CASE APPROACH TOWARDS VERTICAL INTEGRATION: DEVELOPING BUYER-SELLER RELATIONSHIPS SWATI GOYAL, SONU DUA & GURPREET KAUR	108
25.	ANALYSIS OF SOURCES OF FRUIT WASTAGES IN COLD STORAGE UNITS IN TAMILNADU ARIVAZHAGAN.R & GEETHA.P	113
26.	A NOVEL CONTRAST ENHANCEMENT METHOD BY ARBITRARILY SHAPED WAVELET TRANSFORM THROUGH HISTOGRAM EQUALIZATION SIBIMOL J	119
27.		124
28.	BUILDING & TESTING MODEL IN MEASUREMENT OF INTERNAL SERVICE QUALITY IN TANCEM – A GAP ANALYSIS APPROACH DR. S. RAJARAM, V. P. SRIRAM & SHENBAGASURIYAN.R	128
29.	ORGANIZATIONAL CREATIVITY FOR COMPETITIVE EXCELLENCE REKHA K.A	133
30.	A STUDY OF STUDENT'S PERCEPTION FOR SELECTION OF ENGINEERING COLLEGE: A FACTOR ANALYSIS APPROACH SHWETA PANDIT & ASHIMA JOSHI	138
	REQUEST FOR FEEDBACK	146

CHIEF PATRON

PROF. K. K. AGGARWAL

Chancellor, Lingaya's University, Delhi Founder Vice-Chancellor, 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

AMITA

Faculty, Government M. S., Mohali

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. M. N. SHARMA

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

PROF. S. L. MAHANDRU

Principal (Retd.), Maharaja Agrasen College, Jagadhri

EDITOR

PROF. R. K. SHARMA

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

CO-EDITOR

DR. BHAVET

Faculty, M. M. Institute of Management, Maharishi Markandeshwar University, Mullana, Ambala, Haryana

EDITORIAL ADVISORY BOARD

DR. RAJESH MODI

Faculty, Yanbu Industrial College, Kingdom of Saudi Arabia

PROF. SANJIV MITTAL

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

PROF. ANIL K. SAINI

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

DR. SAMBHAVNA

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

DR. MOHENDER KUMAR GUPTA

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

DR. SHIVAKUMAR DEENE

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

Faculty, Yamuna Institute of Engineering & Technology, Village Gadholi, P. O. Gadhola, Yamunanagar

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. A. SURYANARAYANA

Department of Business Management, Osmania University, Hyderabad

DR. SAMBHAV GARG

Faculty, M. M. Institute of Management, Maharishi Markandeshwar University, Mullana, Ambala, Haryana

PROF. V. SELVAM

SSL, VIT University, Vellore

DR. PARDEEP AHLAWAT

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

DR. S. TABASSUM SULTANA

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

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

TECHNICAL ADVISOR

Faculty, Government H. S., Mohali

DR. MOHITA

Faculty, Yamuna Institute of Engineering & Technology, Village Gadholi, P. O. Gadhola, Yamunanagar

FINANCIAL ADVISORS

DICKIN GOYAL

Advocate & Tax Adviser, Panchkula

NEENA

Investment Consultant, Chambaghat, Solan, Himachal Pradesh

LEGAL ADVISORS

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

CHANDER BHUSHAN SHARMA

Advocate & Consultant, District Courts, Yamunanagar at Jagadhri

SUPERINTENDENT

3.

CALL FOR MANUSCRIPTS

We invite unpublished novel, original, empirical and high quality research work pertaining to recent developments & practices in the area of Computer, Business, Finance, Marketing, Human Resource Management, General Management, Banking, Insurance, Corporate Governance and emerging paradigms in allied subjects like Accounting Education; 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; Monetary Policy; Portfolio & Security Analysis; Public Policy Economics; Real Estate; Regional Economics; Tax Accounting; Advertising & Promotion Management; Business Education; Management Information Systems (MIS); Business Law, Public Responsibility & Ethics; Communication; Direct Marketing; E-Commerce; Global Business; Health Care Administration; Labor 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; Public Administration; Purchasing/Materials Management; Retailing; Sales/Selling; Services; Small Business Entrepreneurship; Strategic Management Policy; Technology/Innovation; Tourism, Hospitality & Leisure; Transportation/Physical Distribution; Algorithms; Artificial Intelligence; Compilers & Translation; Computer Aided Design (CAD); Computer Aided Manufacturing; Computer Graphics; Computer Organization & Architecture; Database Structures & Systems; Digital Logic; Discrete Structures; Internet; Management Information Systems; Modeling & Simulation; Multimedia; Neural Systems/Neural Networks; Numerical Analysis/Scientific Computing; Object Oriented Programming; Operating Systems; Programming Languages; Robotics; Symbolic & Formal Logic and Web Design. The above mentioned tracks are only indicative, and not exhaustive.

Anybody can submit the soft copy of his/her manuscript **anytime** in M.S. Word format after preparing the same as per our submission guidelines duly available on our website under the heading guidelines for submission, at the email address: infoijrcm@gmail.com.

GUIDELINES FOR SUBMISSION OF MANUSCRIPT

		DATED:						
THE EDITOR URCM								
Sul	Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF							
(<u>e</u> .	e.g. Finance/Marketing/HRM/General Management/Economics/Psychology/Law/Computer/IT/Engineering/Mathematics/other, please specify)							
DE.	AR SIR/MADAM							
Ple	ease find my submission of manuscript entitled '	' for possible publication in your journals.						
	ereby affirm that the contents of this manuscript are original. Furthermore, ider review for publication elsewhere.	it has neither been published elsewhere in any language fully or partly, nor is						
l af	ffirm 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).							
	so, 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 or intribution in any of your journals.							
COI								
NA	AME OF CORRESPONDING AUTHOR:							
NA De:	AME OF CORRESPONDING AUTHOR:							
NA De:	AME OF CORRESPONDING AUTHOR:							
NA De: Aff	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code:							
NA De: Aff Re: Mc	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: esidential address with Pin Code: obile Number (s): ndline Number (s):	7770						
NA De: Aff Res Mc Lar E-n	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: esidential address with Pin Code: esidential address with Pin Code: esidential Rumber (s): mail Address:	TYN.						
NA De: Aff Res Mc Lar E-n	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: esidential address with Pin Code: obile Number (s): ndline Number (s):	771						
NA De: Aff Res Mc Lar E-m	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): maline Number (s): mail Address: ternate E-mail Address:	77						
NA De: Aff Res Mc Lar E-m	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): maline Number (s): mail Address: ternate E-mail Address: DTES: 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						
NA Des Aff Res Mo Lar E-n Alt NO a)	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): ndline Number (s): mail Address: ternate E-mail Address: OTES: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript.	The state of the s						
NA Des Aff Res Mo Lar E-n Alt	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): ndline Number (s): mail Address: ternate E-mail Address: OTES: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript. The sender is required to mention the following in the SUBJECT COLUMN	of the mail:						
NA Des Aff Res Mo Lar E-n Alt NO a)	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): ndline Number (s): mail Address: ternate E-mail Address: OTES: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript.							
NA Des Aff Res Mo Lar E-n Alt NO a)	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: esidential address with Pin Code: obile Number (s): mail Address: ternate E-mail Address: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript. The sender is required to mention the following in the SUBJECT COLUMN New Manuscript for Review in the area of (Finance/Marketing/HRM/Gen	of the mail: eral Management/Economics/Psychology/Law/Computer/IT/						
NAADee Afff Res Mc Larr E-n Alt NO a) b)	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): mail Address: ternate E-mail Address: DTES: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript. The sender is required to mention the following in the SUBJECT COLUMN New Manuscript for Review in the area of (Finance/Marketing/HRM/Gen Engineering/Mathematics/other, please specify) There is no need to give any text in the body of mail, except the cases whe The total size of the file containing the manuscript is required to be below	of the mail: eral Management/Economics/Psychology/Law/Computer/IT/ ere the author wishes to give any specific message w.r.t. to the manuscript. 500 KB.						
NA Des Aff Res Mc Lar E-n Alt NC a) b)	AME OF CORRESPONDING AUTHOR: esignation: filiation with full address, contact numbers & Pin Code: sidential address with Pin Code: obile Number (s): mail Address: ternate E-mail Address: OTES: The whole manuscript is required to be in ONE MS WORD FILE only (pdf. the covering letter, inside the manuscript. The sender is required to mention the following in the SUBJECT COLUMN New Manuscript for Review in the area of (Finance/Marketing/HRM/Gen Engineering/Mathematics/other, please specify) There is no need to give any text in the body of mail, except the cases whe The total size of the file containing the manuscript is required to be below Abstract alone will not be considered for review, and the author is require	of the mail: eral Management/Economics/Psychology/Law/Computer/IT/ ere the author wishes to give any specific message w.r.t. to the manuscript. 500 KB.						

INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT & MANAGEMENT

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

ABSTRACT: Abstract should be in fully italicized text, not exceeding 250 words. The abstract must be informative and explain the background, aims, methods,

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

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

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, 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

IMPACT OF LIBERALISATION ON PRACTICES OF PUBLIC SECTOR BANKS IN INDIA

DR. R. K. MOTWANI ASSOCIATE PROFESSOR DEPARTMENT OF MANAGEMENT STUDIES GOVERNMENT ENGINEERING COLLEGE AJMER

SAURABH JAIN MANAGEMENT GRADUATE AJMER

ABSTRACT

Knowing the importance of strengthen financial system for mobilizing of financial savings, putting them to productive use and transforming various risks many developing economies adopted a series of financial sector liberalization measures in the late 1980s and early 1990s. The measures included interest rate liberalization, entry deregulations for foreign banks, reduction of reserve requirements and removal of credit allocation. Domestic banks were also given access to cheap loans across the globe and allocate those resources to different sector of domestic economy. This paper focuses on public sector bank in India's banking sector, which has been attracting increasing attention since 1991 when a financial reform programme was launched. It assesses whether the reform programme has been successful so far in bringing welcoming change in practices of public-sector banks and if so, what elements of the practices have changed significantly.

KEYWORDS

Liberalisation, Public Sector Banks, Banking Practices, Banking Services, Banking Products.

1. INTRODUCTION

he Indian government in 1991 chose a gradual approach toward restructuring the banks by enhancing competition. Liberalization i.e., entry deregulation of foreign and domestic banks was chosen as a tool for this purpose. Narasimham Committee also held a view that the public sector banks could improve profitability and efficiency without changing their ownership if competition were enhanced.

However, some researchers and scholars are of the view that financial liberalization has severely affected the practices of banks. The problem of non-performing assets has emerged as a big challenge today, which has changed the practices of the banks to greater extent. Moreover, tough competition from the newly entered private and foreign banks has also forced the public sector banks to change their practices with a view to maintain their standing and share in banking industry. The employees are also affected in post liberalization era.

This study attempts to identify the effects of liberalization on the effectiveness and efficiency of banks which ultimately are the indicators of their performance and profitability. This paper is an attempt to find out whether there has been a significant change in the practices of public sector banks in post liberalization era.

2. RESEARCH METHODOLOGY

Research design: Exploratory Research Research Type: Quantitative Research

Sampling: Non - probability sampling (Judgment)

Sample Profile: Five public sector banks viz. State Bank of India, Bank of Baroda, Punjab National Bank, Oriental Bank of Commerce and Union Bank of India

constitutes the sample of this paper.

Sample Size: Ten officials of five nationalized banks

OBJECTIVES OF THE STUDY

- > To find out whether there has been a significant change in the practices and performance of banks due to liberalization.
- > To find out whether the products offered by the banks in post liberalization era have helped them to increase their profitability.
- > To find out whether the services offered by the various public sector banks in post liberalization era have positively influenced the bank's operation and efficiency.
- > To find out the impact of third party products introduced by banks in post liberalization era on the performance and practice of banking sector.
- > To find our whether there has been a significant change in the human resource policy adopted by the banks in pre and post liberalization era.
- > To find out whether liberalization has brought with it an increase in the level of performance incentives of employees working in public sector banks.
- To find our whether or not the compulsory credit allocation to priority sector after liberalization has turmoil the profitability and performance of banks.
 To determine the effect of liberalization on the methodology of business review of banks.
- > To determine the effect of liberalization on the number of assignments taken up by banks just after the implementation of liberalization.
- > To determine the change in expenditure of banks on promotional activities after implementation of banking sector reforms in post liberalization era.

HYPOTHESIS

There is no significant difference in the practices of public sector banks in post liberalization era.

TESTING OF HYPOTHESIS

To test the laid down hypothesis, 't-test' the test to find out the significance of difference between the mean of a sample has been used. Statistically, it is used to find out whether there has been a significant difference between the arithmetic mean of the sample taken for the study and the mean of the parent population. The One-Sample T-Test compares the mean score of a sample to a known value, normally population mean. The population mean, looking at the null hypothesis, has been taken as mean scale.

MAJOR FINDINGS

In order to find out the impact of liberalization on the practices of public sector banks, the response from the respondents were analyzed with a view to reach at a conclusion regarding the facts raised in the questionnaire designed. The classification of the data collected through questionnaire reveal the following picture:-

Factor	Stron gly Agre e (5)	Agre e (4)	Neutr al (3)	Disagr ee (2)	Strongl y Disagr ee (1)	Me an Sca le
The products offered by banks in post liberalization era have helped them to increase their profitability	2	7	0	1	0	4.0
The products offered by banks in post liberalization era have helped them to increase customer satisfaction	6	4	0	0	0	4.6
Services like ATM services, status of debit and credit cards, on line fund transfer, RTGS have been a major factor influencing positively the banks operations and efficiency.	8	2	0	0	0	4.8
Third party products offered by your bank are contributing to maximize profitability?	1	5	0	4	0	3.3
Third party products offered by banks are contributing to maximize customer base.	0	4	1	4	1	2.8
There has been a significant change in human resource recruitment policy of the banks.	2	7	1	0	0	4.1
HR policy is now more employees friendly.	0	5	1	4	0	3.1
The level of performance incentives has increased substantially increased after liberalization in banking sector	1	3	2	4	0	3.1
Compulsory credit allocation to priority sector brought the profitability of banks under severe condition.	3	4	1	2	0	3.8
The practice of allocation of funds to various assets has changed substantially in the post liberalization era.	1	7	2	0	0	3.9
The priorities of investments in various assets have changed in post liberalization era.	3	4	2	1	0	3.9
There has been a significant change in methodology of the business review of banks.	3	6	1	0	0	4.2
There has been a considerable increase in the number of assignments taken by banks under corporate social responsibility.	2	4	2	2	0	3.6
Publicity of CSR projects by the banks have increased in post liberalization era.	0	5	3	2	0	3.3
Heavy investment are now being made by banks on promotional activities	2	3	4	1	0	3.6
TOTAL	35	69	18	27	1	3.7

4. RESULTS

The computed value of t has been compared with the table value at 95 per cent confidence level and degree of freedom at 'n-1'. The findings on every factor to assess the impact of liberalization on practices of public sector banks have been concluded based on such comparison.

Factors	Computed Value	Inference
The products offered by banks in post liberalization era have helped them to increase their profitability	2.162	Low evidence of positive impact of products offered by banks in post liberalization on their profitability.
The products offered by banks in post liberalization era have helped them to increase customer satisfaction	3.738	Satisfaction of the customers has definitely improved by the various products offered by banks
Services like ATM services, status of debit and credit cards, on line fund transfer, RTGS have been a major factor influencing positively the banks operations and efficiency.	3.282	The operations and efficiency of the banks has increased many folds because of liberalization.
Third party products offered by banks are contributing to maximize profitability.	1.152	No positive impact inclusion of the third party products in the product portfolio of banks is visible on their profitability.
Third party products offered by banks are contributing to maximize customer base.	-0.961	No contribution of the third party products in maximizing customer base of banks.
There has been a significant change in human resource recruitment policy of the banks.	2.948	HR policy of the banks has significantly changed due to liberalization.
HR policy is now more employees friendly.	0.377	There is no change in the level of friendliness in HR policy adopted by the banks in post liberalization era.
The level of performance incentives has increased substantially increased after liberalization in banking sector	0.722	The liberal outlook in the banking sector has not changed the grades of performance incentives.
Compulsory credit allocation to priority sector brought the profitability of banks under severe condition.	3.433	The compulsory allocation to priority sectors like agriculture has shattered the profitability of banks.
The practice of allocation of funds to various assets has changed substantially in the post liberalization era.	2.448	Fund allocation plans and practices to various assets show a significant shift.
The priorities of investments in various assets have changed in post liberalization era.	3.866	The priorities of investments have significantly changed in post liberalization era.
There has been a significant change in methodology of the business review of banks.	3.549	Post liberalization reforms have significantly influenced the methodology of business review of banks.
There has been a considerable increase in the number of assignments taken by banks under corporate social responsibility.	3.111	The assignments taken under the head of corporate social responsibility by banks have increased substantially in post liberalization era.
Publicity of CSR projects by the banks have increased in post liberalization era.	1.136	No Substantial change in the publicity of CSR projects taken by banks in the post liberalization era
Heavy investment are now being made by banks on promotional activities	3.293	The amount of investments on promotional activities by the banks has increased many folds after liberalization reforms.
Overall	3.114	In general, the practices of public sector banks have changed substantially in the post liberalization period.

CONCLUSION

Banks being an important channel partner in the economy cannot remain aloof of the developments therein. Liberalisation has been one of the major developments in Indian economy since independence. This process has brought substantial changes in the practices of all segments of financial system. The mean and standard deviation of the sample on the rated scale are 3.7 and 1.03 respectively. The calculated value (3.114) of t is more than the critical value of t at 95% confidence level. These findings evidence the fact that the liberalization of the economy influences the banking practices in the country to very large extent. Some of the facets of banking may remain under-influenced but broadly the major practices are forced to be substantially changed over a period of time.

BIBLIOGRAPHY 6.

BOOKS

- 1. Gordon E. and Natrajan K., Financial Markets and Services, Himalaya Publishing House, Mumbai, 2007.
- Khan M.Y., Financial Services, Tata McGraw Hill Publishing Company Limited, New Delhi, 2008. 2.
- Khan M.Y., Indian Financial System, Tata McGraw Hill Publishing Company Limited, New Delhi, 2008.
- Sachdeva J. K., Business Research Methodology, Himalaya Publishing House Pvt. Ltd., Mumbai, 2009. 4.
- 5. Tapiwala P. Medha, Banking Reforms and Productivity in India, New Century Publications, New Delhi, 2010.
- Tomar M.S., Banking Sector Reforms in India (Problems and Prospects), Shree Publishers, New Delhi, 2010. 6.

WEBSITES

- 7. www.bankofbaroda.com
- 8. www.iba.org.in
- www.obcindia.co.in 9.
- 10. www.pnbindia.com
- 11. www.rbi.org.in



REQUEST FOR FEEDBACK

Dear Readers

At the very outset, International Journal of Research in Commerce, IT 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-mail i.e. infoijrcm@gmail.com for further improvements in the interest of research.

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

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

Looking forward 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.

Our Other Fournals





