INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, ECONOMICS & MANAGEMENT



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., Google Scholar, Indian Citation Index (ICI), J-Gage, India [link of the same is duly available at Inflibert of University Grants Commission (U.G.C.)], Index Copernicus Publishers Panel, Poland with IC Value of 5.09 (2012) & number of libraries all around the world. Circulated all over the world & Google has verified that scholars of more than 6088 Cities in 195 countries/territories are visiting our journal on regular basis. Ground Floor, Building No. 1041-C-1, Devi Bhawan Bazar, JAGADHRI – 135 003, Yamunanagar, Haryana, INDIA

http://ijrcm.org.in/

ii

CONTENTS

Sr.				
No.	TITLE & NAME OF THE AUTHOR (S)			
1.	DEMONETISATION AND INDIAN BANKING SECTOR - A SHORT TERM ANALYSIS	1		
	SREEDEVI E.S & Dr. B JOHNSON			
2.	MAKE IN INDIA: PROSPECTS AND CHALLENGES FOR TEXTILE AND APPAREL INDUSTRY OF RAJASTHAN	6		
	Dr. MINAKSHI JAIN			
3.	PROLIFERATION OF PRIVATE UNIVERSITIES AND COLLEGES IN GHANA AND ITS IMPACTS ON STAKEHOLDERS	9		
	WILLIAM BEDIAKO DANSO			
4.	TRAINING AND DEVELOPMENT PROCESS AT THDCIL AND DETERMINING THE EFFECTIVENESS OF TRAIN THE TRAINERS PROGRAM	20		
	ASHUTOSH KUMAR ANAND			
5.	CONSUMER PREFERENCE TOWARDS THE SELECTED MESSAGING APPS IN COIMBATORE CITY	27		
	Dr. B. ABIRAMI			
6.	INFLUENCE OF SOCIAL MEDIAS IN COIMBATORE CITY WITH SPECIAL REFERENCE TO MARKETING OF MOBILE APPS	29		
	Dr. L. A. RAZIA FATHIMA & A. S. SHANGEETHA			
7.	TAX PLANNING MEASURES OPTED BY COLLEGE TEACHER'S WITH REFERENCE TO KERALA STATE	32		
	ALEENA PRAKASH			
8.	DEMONETIZATION IN INDIA: AN OVERVIEW	34		
	ANU GOYAL			
9.	REVIEW ON CORPORATE GOVERNANCE PRACTICES ACROSS THE GLOBE	37		
	ARPIT RASTOGI			
10 .	PERFORMANCE EVALUATION OF SELECTED MUTUAL FUND SCHEME'S IN INDIA	40		
	AKSHAY D. SAKHARKAR			
	REQUEST FOR FEEDBACK & DISCLAIMER	45		

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

<u>CHIEF PATRON</u>

Prof. (Dr.) 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. BHAVET Former Faculty, Shree Ram Institute of Engineering & Technology, Urjani

ADVISOR

Prof. S. L. MAHANDRU Principal (Retd.), Maharaja Agrasen College, Jagadhri

EDITOR

Dr. A SAJEEVAN RAO

Professor & Director, Accurate Institute of Advanced Management, Greater Noida

FORMER CO-EDITOR

Dr. S. GARG

Faculty, Shree Ram Institute of Business & Management, Urjani

EDITORIAL ADVISORY BOARD

Dr. TEGUH WIDODO

Dean, Faculty of Applied Science, Telkom University, Bandung Technoplex, Jl. Telekomunikasi, Indonesia

Dr. M. S. SENAM RAJU

Professor, School of Management Studies, I.G.N.O.U., New Delhi

Dr. JOSÉ G. VARGAS-HERNÁNDEZ

Research Professor, University Center for Economic & Managerial Sciences, University of Guadalajara, Gua-

dalajara, Mexico

Dr. M. N. SHARMA

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

Dr. CHRISTIAN EHIOBUCHE

Professor of Global Business/Management, Larry L Luing School of Business, Berkeley College, USA

Dr. SIKANDER KUMAR

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

Dr. BOYINA RUPINI

Director, School of ITS, Indira Gandhi National Open University, New Delhi

Dr. MIKE AMUHAYA IRAVO

Principal, Jomo Kenyatta University of Agriculture & Tech., Westlands Campus, Nairobi-Kenya

Dr. SANJIV MITTAL

Professor & Dean, University School of Management Studies, GGS Indraprastha University, Delhi

Dr. D. S. CHAUBEY

Professor & Dean (Research & Studies), Uttaranchal University, Dehradun

Dr. NEPOMUCENO TIU

Chief Librarian & Professor, Lyceum of the Philippines University, Laguna, Philippines

Dr. RAJENDER GUPTA

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

Dr. KAUP MOHAMED

Dean & Managing Director, London American City College/ICBEST, United Arab Emirates

Dr. DHANANJOY RAKSHIT

Dean, Faculty Council of PG Studies in Commerce and Professor & Head, Department of Commerce, Sidho-Kanho-Birsha University, Purulia

Dr. NAWAB ALI KHAN

Professor & Dean, Faculty of Commerce, Aligarh Muslim University, Aligarh, U.P.

Dr. ANA ŠTAMBUK

Head of Department of Statistics, Faculty of Economics, University of Rijeka, Rijeka, Croatia

SUNIL KUMAR KARWASRA

Principal, Aakash College of Education, ChanderKalan, Tohana, Fatehabad

Dr. SHIB SHANKAR ROY

Professor, Department of Marketing, University of Rajshahi, Rajshahi, Bangladesh

Dr. S. P. TIWARI

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

Dr. SRINIVAS MADISHETTI

Professor, School of Business, Mzumbe University, Tanzania

Dr. ABHAY BANSAL

Head, Department of Information Technology, Amity School of Engg. & Tech., Amity University, Noida

Dr. ARAMIDE OLUFEMI KUNLE

Dean, Department of General Studies, The Polytechnic, Ibadan, Nigeria

Dr. ANIL CHANDHOK

Professor, University School of Business, Chandigarh University, Gharuan

RODRECK CHIRAU

Associate Professor, Botho University, Francistown, Botswana

Dr. OKAN VELI ŞAFAKLI

Professor & Dean, European University of Lefke, Lefke, Cyprus

PARVEEN KHURANA

Associate Professor, Mukand Lal National College, Yamuna Nagar

Dr. KEVIN LOW LOCK TENG

Associate Professor, Deputy Dean, Universiti Tunku Abdul Rahman, Kampar, Perak, Malaysia

Dr. BORIS MILOVIC

Associate Professor, Faculty of Sport, Union Nikola Tesla University, Belgrade, Serbia

SHASHI KHURANA

Associate Professor, S. M. S. Khalsa Lubana Girls College, Barara, Ambala

Dr. IQBAL THONSE HAWALDAR

Associate Professor, College of Business Administration, Kingdom University, Bahrain

Dr. DEEPANJANA VARSHNEY

Associate Professor, Department of Business Administration, King Abdulaziz University, Saudi Arabia

Dr. MOHENDER KUMAR GUPTA

Associate Professor, Government College, Hodal

Dr. BIEMBA MALITI

Associate Professor, School of Business, The Copperbelt University, Main Campus, Zambia

Dr. ALEXANDER MOSESOV

Associate Professor, Kazakh-British Technical University (KBTU), Almaty, Kazakhstan

Dr. VIVEK CHAWLA

Associate Professor, Kurukshetra University, Kurukshetra

Dr. FERIT ÖLÇER

Professor & Head of Division of Management & Organization, Department of Business Administration, Faculty of Economics & Business Administration Sciences, Mustafa Kemal University, Turkey

Dr. ASHOK KUMAR CHAUHAN

Reader, Department of Economics, Kurukshetra University, Kurukshetra

Dr. RAJESH MODI

Faculty, Yanbu Industrial College, Kingdom of Saudi Arabia

YU-BING WANG

Faculty, department of Marketing, Feng Chia University, Taichung, Taiwan

Dr. SAMBHAVNA

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

Dr. KIARASH JAHANPOUR

Research Adviser, Farabi Institute of Higher Education, Mehrshahr, Karaj, Alborz Province, Iran

Dr. MELAKE TEWOLDE TECLEGHIORGIS

Faculty, College of Business & Economics, Department of Economics, Asmara, Eritrea

Dr. SHIVAKUMAR DEENE

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

Dr. THAMPOE MANAGALESWARAN

Faculty, Vavuniya Campus, University of Jaffna, Sri Lanka

Dr. VIKAS CHOUDHARY

Faculty, N.I.T. (University), Kurukshetra

SURAJ GAUDEL

BBA Program Coordinator, LA GRANDEE International College, Simalchaur - 8, Pokhara, Nepal

Dr. DILIP KUMAR JHA

Faculty, Department of Economics, Guru Ghasidas Vishwavidyalaya, Bilaspur

FORMER TECHNICAL ADVISOR

AMITA

FINANCIAL ADVISORS

DICKEN 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

v

CALL FOR MANUSCRIPTS

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

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

GUIDELINES FOR SUBMISSION OF MANUSCRIPT

1. COVERING LETTER FOR SUBMISSION:

DATED: _____

THE EDITOR

IJRCM

Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF

(e.g. Finance/Mkt./HRM/General Mgt./Engineering/Economics/Computer/IT/ Education/Psychology/Law/Math/other, please specify)

DEAR SIR/MADAM

Please find my submission of manuscript titled '_____' for likely publication in one of your journals.

I hereby affirm that the contents of this manuscript are original. Furthermore, it has neither been published anywhere in any language fully or partly, nor it is under review for publication elsewhere.

I affirm that all the co-authors of this manuscript have seen the submitted version of the manuscript and have agreed to inclusion of their names as co-authors.

Also, if my/our manuscript is accepted, I agree to comply with the formalities as given on the website of the journal. The Journal has discretion to publish our contribution in any of its journals.

NAME OF CORRESPONDING AUTHOR	:
Designation/Post*	:
Institution/College/University with full address & Pin Code	:
Residential address with Pin Code	:
Mobile Number (s) with country ISD code	:
Is WhatsApp or Viber active on your above noted Mobile Number (Yes/No)	:
Landline Number (s) with country ISD code	:
E-mail Address	:
Alternate E-mail Address	:
Nationality	:

* i.e. Alumnus (Male Alumni), Alumna (Female Alumni), Student, Research Scholar (M. Phil), Research Scholar (Ph. D.), JRF, Research Assistant, Assistant Lecturer, Lecturer, Senior Lecturer, Junior Assistant Professor, Assistant Professor, Senior Assistant Professor, Co-ordinator, Reader, Associate Professor, Professor, Head, Vice-Principal, Dy. Director, Principal, Director, Dean, President, Vice Chancellor, Industry Designation etc. <u>The qualification of</u> <u>author is not acceptable for the purpose</u>.

NOTES:

- a) The whole manuscript has to be in **ONE MS WORD FILE** only, which will start from the covering letter, inside the manuscript. <u>**pdf.**</u> <u>**version**</u> is liable to be rejected without any consideration.
- b) The sender is required to mention the following in the SUBJECT COLUMN of the mail:

New Manuscript for Review in the area of (e.g. Finance/Marketing/HRM/General Mgt./Engineering/Economics/Computer/IT/ Education/Psychology/Law/Math/other, please specify)

- c) There is no need to give any text in the body of the mail, except the cases where the author wishes to give any **specific message** w.r.t. to the manuscript.
- d) The total size of the file containing the manuscript is expected to be below 1000 KB.
- e) Only the **Abstract will not be considered for review** and the author is required to submit the **complete manuscript** in the first instance.
- f) The journal gives acknowledgement w.r.t. the receipt of every email within twenty-four hours and in case of non-receipt of acknowledgment from the journal, w.r.t. the submission of the manuscript, within two days of its submission, the corresponding author is required to demand for the same by sending a separate mail to the journal.
- g) The author (s) name or details should not appear anywhere on the body of the manuscript, except on the covering letter and the cover page of the manuscript, in the manner as mentioned in the guidelines.
- 2. MANUSCRIPT TITLE: The title of the paper should be typed in **bold letters**, centered and fully capitalised.
- 3. AUTHOR NAME (S) & AFFILIATIONS: Author (s) name, designation, affiliation (s), address, mobile/landline number (s), and email/alternate email address should be given underneath the title.
- 4. ACKNOWLEDGMENTS: Acknowledgements can be given to reviewers, guides, funding institutions, etc., if any.
- 5. **ABSTRACT**: Abstract should be in **fully Italic printing**, ranging between **150** to **300 words**. The abstract must be informative and elucidating the background, aims, methods, results & conclusion in a **SINGLE PARA**. *Abbreviations must be mentioned in full*.
- 6. **KEYWORDS**: Abstract must be followed by a list of keywords, subject to the maximum of **five**. These should be arranged in alphabetic order separated by commas and full stop at the end. All words of the keywords, including the first one should be in small letters, except special words e.g. name of the Countries, abbreviations etc.
- 7. **JEL CODE**: Provide the appropriate Journal of Economic Literature Classification System code (s). JEL codes are available at www.aea-web.org/econlit/jelCodes.php. However, mentioning of JEL Code is not mandatory.
- 8. **MANUSCRIPT**: Manuscript must be in <u>BRITISH ENGLISH</u> prepared on a standard A4 size <u>PORTRAIT SETTING PAPER</u>. It should be free from any errors i.e. grammatical, spelling or punctuation. It must be thoroughly edited at your end.
- 9. HEADINGS: All the headings must be bold-faced, aligned left and fully capitalised. Leave a blank line before each heading.
- 10. **SUB-HEADINGS**: All the sub-headings must be bold-faced, aligned left and fully capitalised.
- 11. MAIN TEXT:

THE MAIN TEXT SHOULD FOLLOW THE FOLLOWING SEQUENCE:

INTRODUCTION REVIEW OF LITERATURE REED/IMPORTANCE OF THE STUDY STATEMENT OF THE PROBLEM OBJECTIVES HYPOTHESIS (ES) RESEARCH METHODOLOGY RESULTS & DISCUSSION FINDINGS RECOMMENDATIONS/SUGGESTIONS CONCLUSIONS LIMITATIONS SCOPE FOR FURTHER RESEARCH REFERENCES APPENDIX/ANNEXURE

The manuscript should preferably be in 2000 to 5000 WORDS, But the limits can vary depending on the nature of the manuscript

- 12. **FIGURES & TABLES**: These should be simple, crystal **CLEAR**, **centered**, **separately numbered** & self-explained, and the **titles must be above the table/figure**. Sources of data should be mentioned below the table/figure. It should be ensured that the tables/figures are referred to from the main text.
- 13. **EQUATIONS/FORMULAE:** These should be consecutively numbered in parenthesis, left aligned with equation/formulae number placed at the right. The equation editor provided with standard versions of Microsoft Word may be utilised. If any other equation editor is utilised, author must confirm that these equations may be viewed and edited in versions of Microsoft Office that does not have the editor.
- 14. **ACRONYMS:** These should not be used in the abstract. The use of acronyms is elsewhere is acceptable. Acronyms should be defined on its first use in each section e.g. 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 may follow Harvard Style of Referencing. Also check to ensure that everything that you are including in the reference section is duly cited in the paper. The author (s) are supposed to follow the references as per the following:
- All works cited in the text (including sources for tables and figures) should be listed alphabetically.
- Use (ed.) for one editor, and (ed.s) for multiple editors.
- When listing two or more works by one author, use --- (20xx), such as after Kohl (1997), use --- (2001), etc., in chronologically ascending order.
- Indicate (opening and closing) page numbers for articles in journals and for chapters in books.
- The title of books and journals should be in italic printing. Double quotation marks are used for titles of journal articles, book chapters, dissertations, reports, working papers, unpublished material, etc.
- For titles in a language other than English, provide an English translation in parenthesis.
- *Headers, footers, endnotes* and *footnotes* should *not be used* in the document. However, you can mention short notes to elucidate some specific point, which may be placed in number orders before the references.

PLEASE USE THE FOLLOWING FOR STYLE AND PUNCTUATION IN REFERENCES:

BOOKS

- Bowersox, Donald J., Closs, David J., (1996), "Logistical Management." Tata McGraw, Hill, New Delhi.
- Hunker, H.L. and A.J. Wright (1963), "Factors of Industrial Location in Ohio" Ohio State University, Nigeria.

CONTRIBUTIONS TO BOOKS

• Sharma T., Kwatra, G. (2008) Effectiveness of Social Advertising: A Study of Selected Campaigns, Corporate Social Responsibility, Edited by David Crowther & Nicholas Capaldi, Ashgate Research Companion to Corporate Social Responsibility, Chapter 15, pp 287-303.

JOURNAL AND OTHER ARTICLES

• Schemenner, R.W., Huber, J.C. and Cook, R.L. (1987), "Geographic Differences and the Location of New Manufacturing Facilities," Journal of Urban Economics, Vol. 21, No. 1, pp. 83-104.

CONFERENCE PAPERS

• Garg, Sambhav (2011): "Business Ethics" Paper presented at the Annual International Conference for the All India Management Association, New Delhi, India, 19–23

UNPUBLISHED DISSERTATIONS

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

ONLINE RESOURCES

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

WEBSITES

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

CONSUMER PREFERENCE TOWARDS THE SELECTED MESSAGING APPS IN COIMBATORE CITY

Dr. B. ABIRAMI ASST. PROFESSOR IN COMMERCE PSG COLLEGE OF ARTS & SCIENCE COIMBATORE

ABSTRACT

The channel of communication is widened with lot of new features in the present time. The technological advancements enlarges the scope of media. Mobile messaging apps helps individual in communicating instantly. These apps include exchange of voice messages, text messages, documents etc. Messaging apps these days play an important role and this has replaced various other forms of communications like letters, e-mail, telegram, fax, etc. Three out of every smart phone users in India is now high on mobile chatting making the market a lucrative one for chat app companies.

KEYWORDS

instant messaging, messaging apps, play store.

JEL CODE

014

INTRODUCTION

mobile application is a software application designed to run on smart phone, tablet, computers and other mobile devices. They are usually available through applications distribution platforms, which are typically operated by the owner of the mobile operating system such as the Apple app store, Google play, Windows phone store and BlackBerry app world. Some apps are free, while others must be bought, they are downloaded from the platform to target device, such as an iphone, BlackBerry, Android phone or windows phone.

As more messaging channels become available and communication choices diversify, consumers increasingly expect their interactions with businesses to be contextually relevant. The mobile messaging and social media are combining to fundamentally reshape digital communication. This phenomenon has profound implications for businesses that use e-mail, SMS text messages, other messaging channels to interact with their customers, a trend first recognized by Dave Lewis and David Daniels, preparing for message convergences.

The texts or voice messages are sent within fraction of second. Communications are made easy through such apps. There are innumerable apps available today, all focus on enabling an effective communication. These apps has increased large in number because of change in mind set, trend and these apps helps in contacting people as soon and as early as possible. Messaging apps has become one of the easy forms of communication and helps in contacting people of different country. Though there are too many updates given by the owner, each update has some new feature.

REVIEW OF LITERATURE

Jyothi Kumari (2014)¹ made a study on "customer satisfaction towards whatsapp in Lucknow". The main objective of the study was to know customer satisfaction and behavior of customer towards whatsapp. The data were collected from 100 respondents using the questionnaire by adopting convenience sampling technique. It is identified that features of whatsapp such as video calling, privacy, voice-call are considered important. The study concludes that whatsapp is the most used app among the chat apps like facebook, wechat and it shows the users of whatsapp are satisfied and they will suggest others for using whatsapp. It is also revealed that the customers use whatsapp a lot and it is popular among youth and working professionals.

M.D. Ejaz Raza (2015)² conducted a study on customer satisfaction towards various features of whatsapp messaging application. The main objective of the study is to find the best feature in the whatsapp. The study was conducted, based on the questionnaire answered by 75 respondents. The best feature given by the respondents was, contacting people easily through message, voice and video call. It is concluded that the study by saying, whatsapp has the best customer satisfaction and it also took over or replaced other apps like we chat, line, tango etc.

Suraj singh (2015)³ made a study on "User satisfaction towards whatsapp in Chennai". The main objective of the study is to find out the level of satisfaction of users towards whatsapp in Chennai. The data was collected from 58 respondents using the questionnaire by adopting convenience sampling technique. It is identified that nine factors are considered important and the opinion of respondents are collected. The study concludes that the demographic variables such as age group, gender and occupation are having less impact on the factors of user satisfaction. The research outcome indicates that, most of the users are satisfied towards whatsapp with respect to the choosing factors such as preference of being in touch with the people, preference of social media app, basis of usage, reasons for not using whatsapp, purpose, medium, feature, charges to be made by whatsapp in future, the amount expected to be paid by the users. The study also reveals that the users are satisfied towards whatsapp with respect to chosen nine factors.

STATEMENT OF THE PROBLEM

The main purpose of using smart phones these days are messaging apps and social media websites. It has become one of the trendsetter and helps in contacting people easily. Each day there is a new app that has been created for instant messaging. Out of these Whatsapp, hike, line and hangouts are the apps that are being preferred by the people. Whatsapp users are increasing day by day, as it widespread among the people and the features of the app is comfortable for the users. With this view, an attempt was made to study the customer preference towards messaging apps in Coimbatore city.

OBJECTIVES OF THE STUDY

- 1. To study the source of awareness of the selected messaging apps by the respondents.
- 2. To analyze the purpose of using the selected messaging apps.
- 3. To evaluate the features provided by the selected messaging apps.

RESEARCH METHODOLOGY

Area of the study - The area of the study is Coimbatore city.

Sample size - The sample of 200 respondents dealing with messaging apps in Coimbatore was chosen for the study. For the purpose of the study, convenient sampling technique has been adopted.

Data sources - Primary data and secondary data has been used for the study. The primary data has been collected using the questionnaire by issuing it to the consumers in the Coimbatore city. The questions in the questionnaire were prepared in such a way that it will be easy for the consumers to understand for filling it. The secondary data was collected from magazines and websites.

Tools for analysis - The data collected were analyzed using simple percentage analysis.

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

LIMITATIONS OF THE STUDY

- 1. The study confines only to the consumers in Coimbatore city. Hence, the generalization is not possible at national level.
- 2. This study is based on the information given by the respondents and there is a chance for getting biased view from the respondents.
- 3. The sample size of this study is limited to 200 respondents.

ANALYSIS AND INTERPRETATION

TABLE 1: SOURCE OF AWARENESS OF THE RESPONDENTS

Questions	Options						
Source of awareness	Friends (50.5%)	Relatives (27%)	Advertisements (16%)	Others (6.5%)			
Source: Primary Data							

Majority (50.5%) of the respondents are aware of the messaging apps through friends.

TABLE 2: USAGE OF SELECTED MESSAGING APPS

Questions		Options						
Preferred Messaging App	Hike (27%)	Line (7%)	whatsapp (63%)	Hangouts (3%)				
Reason for using messaging app	Convenient (50%)	Find friends to express the feel- ings and emotions (27.5%)	Have a feeling of belong- ing to society (16%)	None (6.5%)				
Years of usage of messaging apps	Less than 1 year (14%)	1 year to 2 years (40%)	More than 2 years (46%)	_				
Purpose of Usage of messaging apps	Education (20%)	Education (20%) Entertainment (44.5%)		Others (14%)				
Source: Primary Data								

1. Majority (63%) of the respondents prefer to use Whatsapp.

2. Majority (50%) of the respondent are using the messaging app as it is convenient.

3. Most (46%) of the respondents have the experience of using the messaging app for more than 2 years.

4. Most (44.5%) of the respondents are using the messaging app for entertainment purposes.

TABLE 3: FEATURES OFFERED BY MESSAGING APPS

Questions	Options					
Features	Privacy (75%)	Voice call (55%)	Video call (52%)	Low data consumption (62.5%)		
Value added services offered by messaging app	Current news (25%)	Motivational quotes (23.5%)	Jokes (21.5%)	Concession coupons (30%)		
Source: Primary Data						

Majority (75%) of the respondents agree that the selected messaging app offers privacy as the better feature.

2. Most (25%) of the respondents are provided with current news.

TABLE 4: OPINION OF THE RESPONDENTS BASED ON THE USAGE OF MESSAGING APPS

Features	Options							
	whatsapp		Hike		Line		Hangout	
	No. of respondents	%	No. of respondents	%	No. of respondents	%	No. of respondents	%
Provides better features	154	77	30	15.0	10	5.0	6	3.0
User friendly	118	59	70	35.0	11	5.5	1	0.5
Frequent hanging	24	12	55	27.5	37	18.5	84	42.0

Source: Primary Data

Majority 77% of the respondents agree that whatsapp provides better features, 59% of the respondents agree that whatsapp is user friendly, 42% of the respondents agree that frequent hanging is possible in Hangout.

SUGGESTIONS

On the basis of results of the study and discussions held with the customers, the following are the recommendations made:

INFRASTRUCTURE - Majority of the respondents suggested to increase the number of base stations in the city. By doing so, the service providers can expand their customer base and can retain their existing customers.

ENTERTAINMENT TO EDUCATION - The messaging apps are used mostly for entertainment purposes. It should rather have a greater focus on the educational aspects. It must have some arithmetic or mathematical, general knowledge and current issues to make the students aware of it.

UNWANTED MESSAGES - The unwanted messages that the customer receive may make them feel uncomfortable. So it has to be avoided. To reduce these unwanted messages some privacy alert app has to be introduced.

UNIQUENESS IN DOWNLOAD - As the respondents feel each update is worth downloading, so it must have some uniqueness in each download. The update must have some unique features, easy to use; it must be entertaining and must be educative.

SERVERS TO BE IMPROVED - Most of the respondents feel that the messaging apps hang very frequently. In order to overcome this, the servers have to be well developed. Each update must pave way for the betterment of the app.

CONCLUSION

In today's world, smart phone users are increasing more in number as it has become one of the trendsetters. Smart phone helps people in knowing each and every incident that happens in and around the world. It updates the user in a moment the incident has occurred. As smart phone users are increasing day by day, new apps are created each day in order to provide various features and make them use the apps in increased rate. Each app that is created has better feature than the app used before. More and more people are upgrading from feature phones to smart phones, which accelerates the move from traditional calling and SMS to social messaging applications.

REFERENCES

JOURNALS

- 1 Jyothi Kumari (2014), Customer satisfaction towards WhatsApp in Lucknow, International Journal of Innovative Research in technology, Vol 1 Issue 1, PP.87-94.
- 2 Ejaz Raza M.D.(2015), customer satisfaction towards various features of whatsapp messaging application PP.5-38.

3 Suraj Singh (2015), User satisfaction towards WhatsApp in Chennai, EXCEL International Journal of Multidisciplinary Management Studies, Vol 5(6), PP. 1-8.

WEBSITES

- 4 www.exotoday.com
- 5 www.frost.com
- 6 www.whatsapp.com

REQUEST FOR FEEDBACK

Dear Readers

At the very outset, International Journal of Research in Commerce, Economics & Management (IJRCM) acknowledges & appreciates your efforts in showing interest in our present issue under your kind perusal.

I would like to request you to supply your critical comments and suggestions about the material published in this issue as well as, on the journal as a whole, on our e-mail <u>infoijrcm@gmail.com</u> 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 to an appropriate consideration.

With sincere regards

Thanking you profoundly

Academically yours

Sd/-Co-ordinator

DISCLAIMER

The information and opinions presented in the Journal reflect the views of the authors and not of the Journal or its Editorial Board or the Publishers/Editors. Publication does not constitute endorsement by the journal. Neither the Journal nor its publishers/Editors/Editorial Board nor anyone else involved in creating, producing or delivering the journal or the materials contained therein, assumes any liability or responsibility for the accuracy, completeness, or usefulness of any information provided in the journal, nor shall they be liable for any direct, indirect, incidental, special, consequential or punitive damages arising out of the use of information/material contained in the journal. The journal, neither its publishers/Editors/ Editorial Board, nor any other party involved in the preparation of material contained in the journal represents or warrants that the information contained herein is in every respect accurate or complete, and they are not responsible for any errors or omissions or for the results obtained from the use of such material. Readers are encouraged to confirm the information contained herein with other sources. The responsibility of the contents and the opinions expressed in this journal are exclusively of the author (s) concerned.

ABOUT THE JOURNAL

In this age of Commerce, Economics, Computer, I.T. & Management and cut throat competition, a group of intellectuals felt the need to have some platform, where young and budding managers and academicians could express their views and discuss the problems among their peers. This journal was conceived with this noble intention in view. This journal has been introduced to give an opportunity for expressing refined and innovative ideas in this field. It is our humble endeavour to provide a springboard to the upcoming specialists and give a chance to know about the latest in the sphere of research and knowledge. We have taken a small step and we hope that with the active cooperation of like-minded scholars, we shall be able to serve the society with our humble efforts.

Our Other Fournals

NATIONAL JOURNAL OF RESEARCH COMMERCE & MANAGEMENT





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