# 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., Google Scholar,

Dinch's Periodicals Directory (9), Produest, U.S.A., EBSCO Publishing, U.S.A., Cabell's Directories of Publishing Opportunities, U.S.A., Google Scholar, Deen J-Gage, India [link of the same is duly available at Inflibent of University Grants Commission (U.G.C.)], Index Copernicus Publishers Panel, Poland with IC Value of 5.09 & number of libraries all around the world. Circulated all over the world & Google has verified that scholars of more than 5555 Cities in 190 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/

# **CONTENTS**

Sr.	TITLE & NAME OF THE AUTHOR (S)	Page
No.		No.
1.	COMPREHENDING AND IMPLEMENTING BEST PRACTICES OF QUALITY MANAGEMENT ACROSS INDUSTRIES BALAJI GOPALAN & DR. REVATHI IYER	1
<b>2</b> .	INVENTIVE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY IN THE OPEN AND DISTANCE LEARNING SYSTEM: AN EMPIRICAL STUDY B. RUPINI	6
<b>3</b> .	A STUDY ON PROBLEM FACED BY VEGETABLE PRODUCING FARMERS IN NILIGIRI - DISTRICT DR. S. NAMASIVAYAM & K. ARTHI	12
4.	STUDY ON CONSUMER BEHAVIOUR TOWARDS FROZEN FOOD IN JAMMU CITY OF J & K STATE TAVLEEN KAUR, JYOTI KACHROO & NAVEED HAMID	16
5.	OPINION DIFFERENCE OF TEACHERS ON EXISTING PERFORMANCE APPRAISAL PRACTICES IN PRIVATE ENGINEERING INSTITUTIONS CHANDRA MOHAN SINGH, DR. ASHOK CHANDRA & DR. SANJAY SHARMA	22
<b>6</b> .	COOPERATIVE INDUSTRIAL ESTATES: THE GOLDEN PLATFORM FOR SMALL SCALE INDUSTRIES DR. ARVIND CHAUDHARI	35
<b>7</b> .	ECONOMIC GROWTH, EDUCATION EXPENDITURE AND INCOME INEQUALITY IN INDIA ANIRUDDHA KAYET & DEBASISH MONDAL	38
<b>8</b> .	LEADER MEMBER EXCHANGE QUALITY INFLUENCING COMMITMENT AND TRUST AMONG EMPLOYEES OWAIS AHMED & DR. MUSHTAQ AHMED SIDDIQI	44
<b>9</b> .	EFFECTIVENESS OF TECHNOLOGY ENABLED LEARNING (TEL) IN LEARNING SCIENCE AT D.T.Ed. LEVEL P. JAYANTHI NIRMALA & DR. K. S. PREMILA	47
<b>10</b> .	ROLE OF FIXED ASSETS MANAGEMENT RAMESH VANKADOTH	50
11.	A REVIEW OF LITERATURE ON THE INTER-LINKAGES OF STOCK MARKET DEVELOPMENT WITH ECONOMIC GROWTH TANUJ NANDAN & NIVEDITA SRIVASTAVA	52
<b>12</b> .	A STUDY ON EMPLOYEE ATTRITION AND RETENTION IN BPO SECTOR DR. SHAMSHER SINGH & RAVEENA RANA	60
<b>13</b> .	A STUDY ON THE INFLUENCE OF ATTITUDINAL AND ENVIRONMENTAL FACTORS ON ENTREPRENEURIAL INTENTION DR. JOHNEY JOHNSON & DR. SONIA KATHERIN MATHEW	64
14.	E-GOVERNANCE: A BOON OR BLISS TO SOCIETY: A RESEARCH DR. SHALINI SRIVASTAV, DR. SUMIT AGARWAL & DR. GARIMA BHARDWAJ	68
15.	BREXIT-AN END IN ITSELF OR THE BEGINNING OF A NEW ERA DEEPA SHARMA	71
<b>16</b> .	ROLE OF BUYER CHARACTERISTICS IN ONLINE SHOPPING DR. ADIL RASOOL	79
17.	FOREIGN INSTITUTIONAL INVESTORS (FIIs) FLOWS AND VOLATILITY IN STOCK MARKETS OF INDIA DURING SUB-PRIME CRISIS AND POST FPI ACT RAJNISH KLER	87
<b>18</b> .	ASSESSMENT OF KNOWLEDGE LEVEL, NEED AND IMPACT OF ICTS AMONG FARMERS IN DIFFERENT ASPECTS OF AGRICULTURE AT TALERA BLOCK OF BUNDI DISTRICT IN RAJASTHAN DR. SUSMIT JAIN & NEERAJ KUMAR PRAJAPATI	92
<b>19</b> .	ESSENTIAL FACTORS FOR TRAINING TRANSFER: A STUDY OF PHARMACEUTICAL REPRESENTATIVES IN LUCKNOW AREA ANA RIZVI & DR. SURENDRA KUMAR	104
<b>20</b> .	EXPLORING PSYCHOLOGICAL CAPITAL IN INDIAN CONTEXT AMONG MSME ENTREPRENEURS MARIA TRESITA PAUL V. & DR. N. UMA DEVI	108
<b>21</b> .	FRUIT PROCESSING INDUSTRY IN MURSHIDABAD DISTRICT OF WEST BENGAL - PRESENT STATUS AND FUTURE PROSPECTS MADHAB KUMAR BISWAS & DR. SUDIPTA SARKAR	113
<b>22</b> .	A COMPARATIVE STUDY ON REPORTING OF MERGERS AND ACQUISITIONS ACTIVITIES UNDER IGAAP AND IND AS NARAYAN KAFLE	117
<b>23</b> .	CULTURAL INTELLIGENCE: AN INTEGRAL PART OF CROSS CULTURAL ORGANISATIONS JASLEEN KAUR ANEJA, VAISHALI JOSHI & PRIYANKA MARWA	120
<b>24</b> .	BILATERAL RELATION BETWEEN INDIA AND THAILAND DR. SHEETAL ARUN KHANDRE	122
<b>25</b> .	AN EVALUATION OF THE STATUS OF HIGHER EDUCATION IN INDIA DR. YOGESH H S & DR. KIRAN S P	127
<b>26</b> .	STOCK PERFORMANCE OF AMERICA'S LARGEST BANKS AFTER MERGERS & ACQUISITIONS SAL VILLEGAS	131
27.	CORPORATE SOCIAL RESPONSIBILITY (CSR) AND CUSTOMER'S PERSPECTIVE OF INDIAN BANKS PUNEET KAUR	139
<b>28</b> .	WIRELESS ROUTING PROTOCOLS AND ITS SECURITY ISSUES IN AD HOC NETWORK NEHA CHUGH	147
<b>29</b> .	POLICY SUPPORT TO AUGMENT THE AGRIBUSINESS POTENTIAL OF KARNATAKA NAGARAJA K.	150
30.	WORK-LIFE BALANCE: ITS CORRELATION WITH JOB SATISFACTION, LIFE SATISFACTION AND STRESS LEVEL AMONGST EXECUTIVES OF PUBLIC SECTOR BANKS IN PUNJAB JASPREET KAUR	154
	REQUEST FOR FEEDBACK & DISCLAIMER	160

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

iii

# <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

## FORMER CO-ORDINATOR

Dr. S. GARG Faculty, Shree Ram Institute of Business & Management, Urjani

# <u>ADVISOR</u>

Prof. S. L. MAHANDRU

Principal (Retd.), Maharaja Agrasen College, Jagadhri

## EDITOR

## Dr. R. K. SHARMA

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

## CO-EDITOR

## Dr. BHAVET

Faculty, Shree Ram Institute of Engineering & Technology, Urjani

EDITORIAL ADVISORY BOARD

## Dr. S. P. TIWARI

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

Professor of Accounting & Finance, Faculty of Management Sciences, University of Port Harcourt, Nigeria Dr. KAUP MOHAMED

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

### SUNIL KUMAR KARWASRA

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

#### Dr. MIKE AMUHAYA IRAVO

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

#### **Dr. SYED TABASSUM SULTANA**

Principal, Matrusri Institute of Post Graduate Studies, Hyderabad

### Dr. NEPOMUCENO TIU

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

## Dr. SANJIV MITTAL

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

### Dr. ANA ŠTAMBUK

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

## Dr. RAJENDER GUPTA

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

## Dr. SHIB SHANKAR ROY

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

## Dr. ANIL K. SAINI

Professor, Guru Gobind Singh Indraprastha University, Delhi

## Dr. SRINIVAS MADISHETTI

Professor, School of Business, Mzumbe University, Tanzania

## Dr. NAWAB ALI KHAN

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

## MUDENDA COLLINS

Head, Operations & Supply Chain, School of Business, The Copperbelt University, Zambia Dr. EGWAKHE A. JOHNSON

Professor & Director, Babcock Centre for Executive Development, Babcock University, Nigeria

## Dr. A. SURYANARAYANA

Professor, Department of Business Management, Osmania University, Hyderabad

## Dr. MURAT DARÇIN

Associate Dean, Gendarmerie and Coast Guard Academy, Ankara, Turkey

## Dr. ABHAY BANSAL

Head, Department of Information Technology, Amity School of Engg. & Tech., Amity University, Noida Dr. YOUNOS VAKIL ALROAIA

Head of International Center, DOS in Management, Semnan Branch, Islamic Azad University, Semnan, Iran WILLIAM NKOMO

Asst. Head of the Department, Faculty of Computing, Botho University, Francistown, Botswana

# Dr. JAYASHREE SHANTARAM PATIL (DAKE)

Faculty in Economics, KPB Hinduja College of Commerce, Mumbai

## SHASHI KHURANA

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

## Dr. SEOW TA WEEA

Associate Professor, Universiti Tun Hussein Onn Malaysia, Parit Raja, Malaysia

## Dr. OKAN VELI ŞAFAKLI

Associate Professor, European University of Lefke, Lefke, Cyprus

## Dr. MOHENDER KUMAR GUPTA

Associate Professor, Government College, Hodal

## Dr. BORIS MILOVIC

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

### Dr. MOHAMMAD TALHA

Associate Professor, Department of Accounting & MIS, College of Industrial Management, King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia

## Dr. V. SELVAM

Associate Professor, SSL, VIT University, Vellore

#### Dr. IQBAL THONSE HAWALDAR

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

#### Dr. PARDEEP AHLAWAT

Associate Professor, Institute of Management Studies & Research, Maharshi Dayanand University, Rohtak Dr. ALEXANDER MOSESOV

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

#### Dr. ASHOK KUMAR CHAUHAN

Reader, Department of Economics, Kurukshetra University, Kurukshetra

#### YU-BING WANG

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

#### SURJEET SINGH

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

#### Dr. MELAKE TEWOLDE TECLEGHIORGIS

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

#### Dr. RAJESH MODI

Faculty, Yanbu Industrial College, Kingdom of Saudi Arabia

## Dr. SAMBHAVNA

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

#### Dr. THAMPOE MANAGALESWARAN

Faculty, Vavuniya Campus, University of Jaffna, Sri Lanka

#### Dr. SHIVAKUMAR DEENE

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

#### SURAJ GAUDEL

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

#### FORMER TECHNICAL ADVISOR

AMITA

### FINANCIAL ADVISORS

#### DICKEN GOYAL

Advocate & Tax Adviser, Panchkula

#### NEENA

Investment Consultant, Chambaghat, Solan, Himachal Pradesh

## <u>LEGAL ADVISORS</u>

JITENDER S. CHAHAL Advocate, Punjab & Haryana High Court, Chandigarh U.T. CHANDER BHUSHAN SHARMA

Advocate & Consultant, District Courts, Yamunanagar at Jagadhri

## <u>SUPERINTENDENT</u>

SURENDER KUMAR POONIA

# 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: \_\_\_\_\_

vi

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.aeaweb.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 NEED/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.

# 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 http://ijrcm.org.in/

- 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

#### EXPLORING PSYCHOLOGICAL CAPITAL IN INDIAN CONTEXT AMONG MSME ENTREPRENEURS

## MARIA TRESITA PAUL V. RESEARCH SCHOLAR BHARATHIAR SCHOOL OF MANAGEMENT & ENTREPRENEUR DEVELOPMENT BHARATHIAR UNIVERSITY COIMBATORE

## DR. N. UMA DEVI ASST. PROFESSOR BHARATHIAR SCHOOL OF MANAGEMENT & ENTREPRENEUR DEVELOPMENT BHARATHIAR UNIVERSITY COIMBATORE

#### ABSTRACT

Major findings of the research paper indicate that the respondents differ on their scores on psychological capital. The demographic profiles except the age, educational qualification, years of experience, income, location of business, family type, business type and the entrepreneurial generation no other profiles had a significant difference in the MSME entrepreneur's psychological capital levels. So, hence it becomes necessary for the MSME development authorities, government and entrepreneur development bodies, to take necessary steps like creating a conducive environment, formulate training modules seminars and conferences, providing entrepreneurs with encouragement as growth of MSME entrepreneurs is deemed a vital source of employment creation and holistic development of India.

#### **KEYWORDS**

MSME entrepreneurs, psychological capital.

#### **1. INTRODUCTION**

ntrepreneurs are considered as the 'change agents' in the process of industrial and economic development of a country. Entrepreneurial contributions are crucial, in developing economies like India. They aid employment generation, growth of Gross Domestic Product and per capita income, economic diversification, optimum utilization of local resources, improvement in standard of living, promoting export and import, new product and market development. Thus, the overall development of country intimately depends on entrepreneurial success.

Research has demonstrated that Psychological Capital (PsyCap), drawn from positive psychology in general and positive organizational behaviour in particular, has important influence on entrepreneurial behavior. Psychological capital is viwed as a person's self-view or sense of self-esteem. (Goldsmith 1997). Thus, it can be viewed as a person's ability to successfully utilize the financial social and human capital he/she brings into the organization in a productive manner. Psychological capital is formally defined as a higher-order construct derived from a constellation of motivation and behavioural tendencies associated with self-efficacy, hope, optimism and resilience (Luthans, Youssef et al., 2007).

The Micro, Small and Medium Enterprises (MSMEs) play a pivotal role in the economic and social development of the country, often acting as a nursery of entrepreneurship. In India MSME sector has emerged as highly vibrant and dynamic over the last five decades. The sector contributes about 8% to Gross Domestic Product (GDP) besides 45% to the total manufacturing output and 40% to the exports from India (MSME at a Glance 2016 Report, MSME).

The present study measures the psychological capital of MSME entrepreneurs based upon their perception of having psychological capital. Previous research, has found that Psychological capital plays a role in, entrepreneurial behavior and success (Gartner 2005; Hmieleski and Baron 2009; McGee et al. 2009) which as earlier mentioned is important for overall development of India, making it very much important to be measured.

Hmieleski and Carr proposed that psychological capital (PsyCap) is a vital individual trait required by entrepreneurs to lead their businesses throughout their entrepreneurial practices. However, inadequate empirical studies have examined this. Furthermore, psychological capital has been argued to have positively linkages with desirable attitudes and negative linkages with the undesirable attitudes. Unfortunately, past researchers ignored the influence of psychological capital on positive attitudes like future growth intentions of entrepreneurs'. Based on these reports it is reported and found out that the study is needed to understand the perceptions of entrepreneurs towards their Psychological capital in their overall development.

#### 2. PSYCHOLOGICAL CAPITAL

During the past decade, there has been a lot of scientific studies on psychological capital. Psychological Capital is identified as personal traits contributing to individual productivity by psychologists (Gohel, 2012). It is the study and application of positively oriented human resource strengths and psychological capacities that can be measured, developed, and effectively managed for performance improvement in today's workplace (Luthans et al., 2007).

A critical review done by Adipraja Al Rasyid & Yuni Ros Bangun (2015), in their study conclusively proved, that Psychological capital positively affects entrepreneurial traits of the students, with optimism and resiliency to be the state with the highest impact on entrepreneurship.

Michael Frese & Michael M. Gielnik (2014), in their research article on Psychology of Entrepreneurs, concluded that personality dimensions, such as (general) selfefficacy and need for achievement, and entrepreneurial orientation are highly associated with entrepreneurship (business creation and business success).

Psychological Capital is seen as a resource that goes beyond human capital (experience, knowledge, skills and abilities) and social capital (relationships, networks). It deals with "who you are here and now", and "who you can become" in the proximal future if your resources are developed and nurtured in the workplace (Luthans et al., 2004). Psychological Capital only makes entrepreneurs proactive.

Susan M. Jensen (2012) in his study on Psychological Capital and Entrepreneurial Stress, proposed that the core construct of psychological capital (comprised of self-efficacy, hope, optimism, and resilience) may enhance the understanding of how individuals perceive stress and the malleable nature of psychological capital offers opportunity for entrepreneurs to strengthen their own psychological capital and that of their employees. The study provides practical strategies for stress management within the entrepreneural environment are provided.

Keith M. Hmieleski & Jon C. Carr (2008) in their study investigated the relationship between the psychological capital of entrepreneurs and the performance of their new ventures. Entrepreneurs' psychological capital was found to explain a significant amount of variance in new venture performance, above and beyond measures of financial capital, human capital and social capital. Further, the relationship between psychological capital and new venture performance was found to be enhanced by environmental dynamism, such that the relationship is most positive when dynamism is high, as opposed to low.

Fred Luthans, Kyle W. Luthans & Brett C. Luthans (2004) in their research article suggest that by eschewing a preoccupation with personal shortcomings and dysfunctions and focusing instead on personal strengths and good qualities, today's leaders and their associates can develop confidence, hope, optimism, and resilience, thereby improving both individual and organizational performance.

According to Luthans & Youssef (2007), "Psychological Capital is an individual's positive psychological state of development, characterized by:

# 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 http://ijrcm.org.in/ (1) Self-efficacy: Having confidence to take on and put in the necessary effort to succeed at challenging tasks,

(2) Optimism: Making a positive attribution about succeeding now and in the future,

(3) Hope: Persevering towards goals and, when necessary, redirecting paths to goals to succeed,

(4) Resilience: When beset by problems and adversity, sustaining and bouncing back and even beyond to attain success".

#### **3. RESEARCH QUESTION**

Will entrepreneurs differ on their scores on Psychological Capital?

#### 4. NULL HYPOTHESIS

- H1: There is no significant difference between the family type of entrepreneurs on their scores on Psychological Capital.
- H2: There is no significant difference between the Entrepreneurial Generation of entrepreneurs on their scores on Psychological Capital.
- H3: There is no significant difference between the location of business of entrepreneurs on their scores on Psychological Capital.
- H4: There is no significant difference between the Business Type of entrepreneurs on their scores on Psychological Capital.

H5: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their Age.

H6: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their Educational qualification.

H7: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their experience.

H8: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their income.

#### 5. INSTRUMENTATION

#### 5.1 Psychological Capital Scale

The scale for measuring psychological capital, was adopted from psychological capital questionnaire or PCQ developed by Luthans et al., in the year 2007. The scale consists of 24 items. In our study the scale was adopted to measure the level of psychological capital of entrepreneurs and the responses were collected using a five point scale (1- Strongly Disagree; 2- Disagree; 3- Neutral; 4- Agree; 5- Strongly Agree), such that higher scores indicate that there is a higher level of psychological capital among the entrepreneurs and lower the scores indicate lower psychological capital. The minimum possible score was 24 and the maximum possible score was 120. The scale has 6 items for self efficacy, 6 items for hope, 6 items for optimism and 6 items for resilience.

5.2 Reliability

Spearman Brown split half reliability formula was used to find the reliability of all items of psychological capital questionnaire. The score was 0.763.

#### 6. SAMPLE AND SAMPLE CHARACTERISTICS

Samples for the current study have been carefully chosen after in- depth analysis in the particular field of study. Probability sampling is used to collect the data from the respondents. Systematic random sampling method has been used for this study selecting the sample. This study comprises of entrepreneurs of micro small and medium enterprises registered with District industries Centre, Coimbatore district. A sample of 382 respondents' has been selected in the entire Coimbatore district. The data were collected from 382 respondents. On scrutinizing it was found that 367 questionnaires only were filled with the complete set of data and they were used for further analysis.

#### 7. ANALYSIS

Statistical analysis was conducted on the collected data. The mean difference test by using z-test and ANOVA were carried out to find the score of psychological capital of entrepreneurs.

#### 7.1 INTERPRETATION OF DATA

H1: There is no significant difference between the family type of entrepreneurs on their scores on Psychological Capital.

TABLE 1							
Psychological Capital	Family Type	Std. Deviation	Z	Sig			
Self-Efficacy	Nuclear	.39049	238	.812			
Sell-Efficacy	Joint	.43202	238	.812			
Outliniter	Nuclear	.54543	2.802	.005*			
Optimism	Joint	.71030	2.602	.005			
llana	Nuclear	.39804	514	<b>C00</b>			
Норе	Joint	.41435	514	.608			
Resilience	Nuclear	.53351	-2.578	.010*			
Resilience	Joint	.56696	-2.578	.010.			
	* Source: Prir	nary data					

\* denotes the significance at 5%

Interpretation: Table 1 shows the result of Z test result between the family type of the respondent and psychological capital. It is used to determine whether the respondent's opinion on psychological capital differed among the respondents based upon the family type. Since, the significant value is less than 0.05 the null hypothesis is rejected. Conclusion can be made from the table that there occurs a significant difference on respondent's opinion about Optimism and Resilience between entrepreneurs belonging to joint and nuclear families.

H2: There is no significant difference between the Entrepreneurial Generation of entrepreneurs on their scores on Psychological Capital.

TABLE 2								
Psychological Capital	Entrepreneur's Generation	Std. Deviation	Z	Sig				
Self-Efficacy	First	.41832	-2.732	.007*				
Sell-Ellicacy	Second or traditional	.39223	-2.752	.007				
Optimism	First		237	.813				
Optimism	Second or traditional	.67237	257	.015				
Hono	First	.39609	-1.532	.126				
Норе	Second or traditional	.41178	-1.532	.126				
Resilience	First	.54417	-3.144	.002*				
Resilience	Second or traditional	.54804	-5.144	.002				
* Source: Primary data								

\* denotes the significance at 5%

Interpretation: Table 2 shows the result of Z test between the entrepreneur's generation and psychological capital. It is used to determine whether the respondent's opinion on psychological capital differed among the respondents based upon first and second generation entrepreneurs. Since, the significant value is less

## 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

#### http://ijrcm.org.in/

#### VOLUME NO. 7 (2017), ISSUE NO. 07 (JULY)

than 0.05 the null hypothesis is rejected. Conclusion can be made from the table that there occurs a significant difference on respondent's opinion about Self efficacy and Resilience between entrepreneurs based upon their generation.

H3: There is no significant difference between the location of business of entrepreneurs on their scores on Psychological Capital.

TABLE 3							
Psychological Capital	Location of Business	Std. Deviation	Z	Sig			
Self-Efficacy	Urban	.40513	-2.455	.015*			
Sell-Efficacy	Rural	.40762	-2.455	.015			
Ontinuina	Urban	.62593	642	.522			
Optimism	Rural .63692		042	.522			
llene	Urban	.41469	.164	.870			
Норе	Rural	.38819	.164	.870			
Resilience	Urban	.58510	.058	.954			
Resilience	Rural	.49119	.058	.954			
* Source: Primary data							

\* denotes the significance at 5%

Interpretation: Table 3 shows the result of Z test result between the location of business of the MSMEs and psychological capital. It is used to determine whether the respondent's opinion on psychological capital differed among the respondents based upon the location of business. Since, the significant value is less than 0.05 the null hypothesis is rejected. Conclusion can be made from the table that there occurs a significant difference on entrepreneurs' Self-Efficacy between urban and rural enterprises.

H4: There is no significant difference between the Business Type of entrepreneurs on their scores on Psychological Capital.

TABLE 4							
<b>Psychological Capital</b>	Psychological Capital Business Type Std. Deviation						
Self-Efficacy	Sole trader	.36465	.274	.784			
Sell-Efficacy	Partnership	.48365	.274	.764			
Ontimiem	Sole trader	.58334	-1.634	.103			
Optimism	Partnership	.70569	-1.034	.103			
Hono	Sole trader	.38502	2.331	.020*			
Норе	Partnership	.43403	2.551	.020			
Resilience	Sole trader	.51420	3.104	.002*			
Resilience	Partnership	.60323	5.104	.002			

\* Source: Primary data

\* denotes the significance at 5%

Interpretation: Table 4 shows the result of Z test between the business type of the respondents and psychological capital. It is used to determine whether the respondent's opinion on psychological capital differed among the respondents based upon the business type. Since, the significant value is less than 0.05 the null hypothesis is rejected. Conclusion can be made from the table that there occurs a significant difference on respondent's opinion about Hope and Resilience between entrepreneurs based upon their business type.

H5: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their Age.

TABLE 5						
Psychological Capital	Age	Sum of Squares	df	Mean Square	F	Sig.
	Between Groups	3.527	3	1.176	7.404	
Self-Efficacy	Within Groups	57.638	363	.159		.000*
	Total	61.164	366			
Optimism	Between Groups	.404	3	.135	.338	.798
	Within Groups	144.566	363	.398		
	Total	144.970	366			
	Between Groups	.708	3	.236	1.445	
Норе	Within Groups	59.298	363	.163		.229
	Total	60.006	366			
Resilience	Between Groups	1.347	3	.449		
	Within Groups	110.470	363	.304	1.475	.221
	Total	111.817	366			ĺ
* Source: Primary data						

\* denotes the significance at 5%

Interpretation: Table 5 shows the one way ANOVA result between the opinion of respondent's about psychological capital and age of the respondents. It could be inferred from the table that for the factors Self-Efficacy F ratio (7.404) is significant (p=.000). Hence, the null hypothesis is rejected. This hypothesis holds good and implies that there exists a significant difference on entrepreneur's opinion about self-efficacy and their age.

H6: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their Educational qualification.

Psychological Capital	Educational Qualification	Sum of Squares	Df	Mean Square	F	Sig.
	Between Groups	4.299	3	1.433		
Self-Efficacy	Within Groups	56.865	363	.157	9.148	.000*
	Total	61.164	366			
Optimism	Between Groups	8.437	3	2.812		.000*
	Within Groups	136.532	363	.376	7.478	
	Total	144.970	366			
	Between Groups	.652	3	.217	1.329	.265
Норе	Within Groups	59.354	363	.164		
	Total	60.006	366			
Resilience	Between Groups	2.132	3	.711		.072
	Within Groups	109.685	363	.302	2.352	
	Total	111.817	366		1	

\* denotes the significance at 5%

Interpretation: Table 6 shows the one way ANOVA result between psychological capital and educational qualification of the respondents. The F ratio (9.148) is significant (p=.000) at 0.05 levels of self efficacy. The F ratio (7.478) is significant (p=.000) at 0.05 levels of optimism. Hence, the null hypothesis is rejected. This hypothesis holds good and it could be inferred from the table that there occurs a significant difference on entrepreneur's "Self-Efficacy and Optimism" and their educational qualification.

H7: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their experience.

		TABLE 7					
Psychological Capital	Experience	Sum of Squares	Df	Mean Square	F	Sig.	
	Between Groups	1.711	3	.570			
Self-Efficacy	Within Groups	59.454	363	.164	3.482	.016*	
	Total	61.164	366				
Optimism	Between Groups	4.922	3	1.641	4.253		
	Within Groups	140.048	363	.386		.006*	
	Total	144.970	366				
	Between Groups	.741	3	.247	1.513		
Норе	Within Groups	59.265	363	.163		.211	
	Total	60.006	366				
Resilience	Between Groups	.619	3	.206			
	Within Groups	111.198	363	.306	.674	.569	
	Total	111.817	366				
	* Source: Primary data						

#### \* denotes the significance at 5%

Interpretation: Table 7 shows the one way ANOVA result between psychological capital and experience of the respondents. The F ratio (3.482) is significant (p=.016) at 0.05 levels of self efficacy. The F ratio (4.253) is significant (p=.006) at 0.05 levels of optimism. Hence, the null hypothesis is rejected. This hypothesis holds good and it could be inferred from the table that there occurs a significant difference on entrepreneur's experience and their "Self-Efficacy and Optimism". H8: Entrepreneurs would remain homogenous on their scores on Psychological Capital based on their income.

		TABLE 8				
Psychological Capital	Income	Sum of Squares	df	Mean Square	F	Sig.
	Between Groups	.710	3	.237	1.421	
Self-Efficacy	Within Groups	60.454	363	.167		.236
	Total	61.164	366			
	Between Groups	3.006	3	1.002	2.562	
Optimism	Within Groups	141.964	363	.391		.055
	Total	144.970	366			
	Between Groups	1.497	3	.499	3.095	
Норе	Within Groups	58.509	363	.161		.027*
	Total	60.006	366			
	Between Groups	3.699	3	1.233		
Resilience	Within Groups	108.118	363	.298	4.139	.007
	Total	111.817	366		1	
	* S	ource: Primary data	7			

\* denotes the significance at 5%

Interpretation: Table 8 shows the one way ANOVA result between psychological capital and income of the respondents. The F ratio (3.095) is significant (p=.027) at 0.05 levels of hope. The F ratio (4.139) is significant (p=.007) at 0.05 levels of resilience. Hence, the null hypothesis is rejected. This hypothesis holds good and it could be inferred from the table that there occurs a significant difference on entrepreneurs's "Hope and Resilience" and their income.

#### 8. RECOMMENDATIONS

- 1. It is suggested that the entrepreneurs should use their high confidence in setting the work goals to help them to leverage their optimism once goal is set and they start working on attainment of that goal.
- 2 Psychological Capital is a state-like resource, which can be developed. Short training interventions can be handy in developing positive resource of psychological capital in target audience like established and prospective entrepreneurs.
- It is suggested that rural entrepreneurs should attend more of awareness and grooming trainings to develop their self-efficacy and optimism. 3
- 4. To improvising the resilience, entrepreneurs should keep themselves focused on the long term gain and keep their morale high, which will help them to face any setbacks.

#### 9. CONCLUSION

Major findings of the research paper indicate that the respondents differ on their scores on psychological capital. The demographic profiles except the age, educational qualification, years of experience, income, location of business, family type, business type and the entrepreneurial generation no other profiles had a significant difference in the MSME entrepreneur's psychological capital levels. So, hence it becomes necessary for the MSME development authorities, government and entrepreneur development bodies, to take necessary steps like creating a conducive environment, formulate training modules seminars and conferences, providing entrepreneurs with encouragement as growth of MSME entrepreneurs is deemed a vital source of employment creation and holistic development of India.

#### **10. FUTURE SCOPE**

Thus, we can conclude as mentioned in literature review some other antecedents can be studied in relation to psychological capital to make the study even more effective.

#### REFERENCES

- 1. Adipraja Al Rasyid & Yuni Ros Bangun (2015). The Relationship between Psychological Capital and Entrepreneurial Traits: A Case Study of MBA SBM ITB Students in Bandung. Journal of Business and Management, Vol. 4, No.3, 2015: 297-316
- Adriana Mohd Riz & Nurita Juhdi (2015). Psychological Capital and Entrepreneurial Success: a Multiple-Mediated Relationship. European Journal of Interdisciplinary Studies, Vol.2, 110-133.
- 3. Alex M. Wood, Jeffrey J. Froh and Adam W.A. Geraghty (2010). Gratitude and well-being: A review and theoretical integration. Clinical Psychology Review, Vol 3, 1-16.
- 4. Chyi-lyi (Kathleen) Liang and Dunn Paul (2013). Entrepreneurial Characteristics, Optimism, Pessimism, and Realism Correlation or Collision?. Journal of Business and Entrepreneurship, Vol. 22, No. 1, 1-22.
- 5. Envick, Brooke R. (2005). Beyond Human and Social capital: the importance of Positive Psychological Capital for Entrepreneurial Success. The Entrepreneurial Executive, 10, 41-52.
- 6. Fred Luthans and Elina S Ibrayeva (2010). Entrepreneurial self-efficacy in Central Asian transition economies: quantitative and qualitative analyses. Journal of International Business Studies 37, 92–110.
- José Luis Martínez Campo (2011). Analysis of the influence of self-efficacy on entrepreneurial intentions. Self-efficacy and entrepreneurial intentions prospect. Vol. 9, No. 2, 14-21.
- 8. Juan-Carlos Ayala and Guadalupe Manzano (2014). The resilience of the entrepreneur. Influence on the success of the business. A longitudinal analysis. Journal of Economic Psychology 42 (2014) 126–135.
- 9. Keith M. Hmieleski & Jon C. Carr (2008). The Relationship between Entrepreneur Psychological Capital and New Venture Performance, Frontiers of Entrepreneurship Research, Vol. 28, Iss. 4, Art. 1, 1-15
- 10. Keith M. Hmieleski and Robert A. Baron (2009). Entrepreneurs' optimism and new venture performance: a social cognitive perspective. Academy of Management Journal, Vol. 52, No. 3, 473–488.
- 11. Martin A. Carree and Ingrid Verheu (2011). What Makes Entrepreneurs Happy? Determinants of Satisfaction among Founders. Journals of happiness studies, Vol4, 1-17.
- 12. Martin Koudstaal, Randolph Sloof and Mirjam van Praag (2015). Are entrepreneurs more optimistic and overconfident than managers and employees ?. Tinbergen Institute Discussion Paper, 124/VII, 1-31.
- 13. Robert A. Baron (2006). Psychological Perspectives on Entrepreneurship: Cognitive and Social Factors in Entrepreneurs' Success. Current Directions in Psychological Science, Vol. 9, 115-18
- 14. Sh. Usman Yousaf, Mohd. Hizam-Hanafiah & Bushra Usman (2015). Psychological Capital: Key to Entrepreneurial performance and Growth intentions. International Research Journal of Social Sciences, Vol.4, 39-45.
- 15. Susan M. Jensen (2012). Psychological Capital: Key to Understanding Entrepreneurial Stress?. Economics & Business Journal: Inquiries & Perspectives, Volume 4 Number 1, 44-55.

# **REQUEST FOR FEEDBACK**

#### **Dear Readers**

At the very outset, International Journal of Research in Commerce, IT & 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

AAL OF RESEAR

ATIONAL JOURNAL





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 http://ijrcm.org.in/

IV