# INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, ECONOMICS & MANAGEMENT



A Monthly Double-Blind Peer Reviewed Refereed Open Access International e-Journal - Included in the International Serial Directories

Ulrich's Periodicals Directory ©, ProQuest, U.S.A., The American Economic Association's electronic bibliography, EconLit, U.S.A., EBSCO Publishing, U.S.A. Index Copernicus Publishers Panel, Poland, Dpen J-Gage, India [link of the same is duly available at Inflibnet of University Grants Commission (U.G.C.)]

as well as in Cabell's Directories of Publishing Opportunities, U.S.A.

Circulated all over the world & Google has verified that scholars of more than Hundred & Twenty One countries/territories are visiting our journal on regular basis.

# **CONTENTS**

Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	SITUATION ANALYSIS OF DOCTORS WORKING IN HEALTH DEPARTMENT OF ODISHA: A DESCRIPTIVE STUDY	1
	RAMA CHANDRA ROUT, BHUPUTRA PANDA & ABHIMANYU SINGH CHAUHAN	
2.	QUALITY OF EDUCATION AND TEACHERS IN ETHIOPIAN SECONDARY SCHOOLS (THE CASE OF EASTERN ZONE OF	4
	TIGRAI REGION, ETHIOPIA)	
	DR. HAILAY GEBRETINSAE BEYENE & MRUTS DESTA YEEBIYO	
3.	AN ANALYSIS OF THE IMPACT OF FISCAL DECENTRALIZATION (FD) ON BUDGET DEFICIT IN PAKISTAN	11
	ABDUR RAUF, DR. ABDUL QAYYUM KHAN & DR. KHAIR-UZ ZAMAN	
4.	DETERMINANTS OF MILITARY EXPENDITURE IN DEVELOPING COUNTRIES AND THEIR EFFECTS ON THE ECONOMY	16
	A. K. M. SAIFUR RASHID, MD. ZAHIR UDDIN ARIF & M. NURUL HOQUE	
5.	A CRITICAL EVALUATION OF THE GOVERNMENT EXTENSION SERVICES: THE CASE FOR LAND REFORM FARMS, IN THE	21
	WEST COAST DISTRICT, WESTERN CAPE	
	MOGALE PETER SEBOPETSA & DR. MOHAMED SAYEED BAYAT	
6.	LABOUR MIGRATION AND IMPACT OF REMITTANCES ON LIVELIHOOD PATTERN IN SOME AREAS OF TANGAIL	29
	DISTRICT IN BANGLADESH	
	RAZIA SULTANA, DR. M. A. SATTAR MANDAL & MD. SAIDUR RAHMAN	
<b>7</b> .	ARE OLDER LEARNERS SATISFIED WITH THEIR INVOLVEMENT IN LEARNING COURSES'?	33
	JUI-YING HUNG, FENG-LI LIN & WEN-GOANG, YANG	
8.	ECONOMIC GROWTH, INCOME INEQUALITY, AND POVERTY: EVIDENCE FROM BANGLADESH, 1981-82 TO 2009-10	37
	MD. MAIN UDDIN	
9.	IMPACT OF ABSENCE OF ANTI-COUNTERFEITING LAWS AND PRESENCE OF LOW PRICE ON CONSUMERS' ATTITUDES	41
	TOWARD THE NON-DECEPTIVE COUNTERFEITS IN A DEVELOPING CONTEXT	
	IMRAN ANWAR MIR	
10.	MOBILITY AND MIGRATION OF FEMALE SEX WORKERS: NEED FOR STRATEGIC INTERVENTIONS	46
	GOVERDAN KUMMARIKUNTA & DR. CHANNAVEER R.M.	
11.	BUSINESS DEVELOPMENT & GREEN MARKETING	50
	DR. R. KARUPPASAMY & C. ARUL VENKADESH	
12.	IMPACT OF SOCIO-ECONOMIC PROFILE ON SATISFACTION OF BANK OFFICIALS OVER TRAINING AND DEVELOPMENT	55
	PROGRAMMES IN BANKS	
	JASPREET KAUR & DR. R. JAYARAMAN	
13.	ECONOMIC GLOBILIZATION CATASTROPHE AND ITS UPSHOT ON INDIAN ECONOMIC MARKETS	61
	K.LOGESHWARI	
14.	FOREIGN EXCHANGE DERIVATIVES TRADING SCENARIO: A NEW PARADIGM IN THE ERA OF CURRENCY	65
	DR. P. S. RAVINDRA & E.V.P.A.S.PALLAVI	
15.	REGIONAL DIVERGENCE IN PER CAPITA INCOME IN DISTRICTS OF RAJASTHAN	71
	DR. REKHA MEHTA	
16.	CONTRIBUTION OF INFORMATION TECHNOLOGY INDUSTRY IN PROMOTING INDIA AS BRAND INDIA	75
	DR. DEEPAKSHI GUPTA & DR. NEENA MALHOTRA	
17.	AN EMPIRICAL STUDY ON SOCIO-ECONOMIC EMPOWEREMENT OF WOMEN THROUGH SELF HELP GROUPS	84
	ANURADHA.PS	
18.	OPERATIONAL ADEQUACY OF WORKING CAPITAL MANAGEMENT OF SELECTED INDIAN AUTOMOBILE INDUSTRY - A	87
	BIVARIATE DISCRIMINANT ANALYSIS	0,
	DR. N. PASUPATHI	
19.	DEFORESTATION AND ENVIRONMENTAL SUSTAINABILITY: A STUDY OF INTERDEPENDENCE	93
13.	DR. MD. TARIQUE	33
20.	PATTERN OF GROWTH AND INSTABILITY OF INDIA'S EXPORTS (1991-2006)	100
20.	DR. KULWINDER SINGH & DR. SURINDER KUMAR SINGLA	100
21.	CHANGE IN RETAIL SHOPPING BEHAVIOUR: WHY AND FOR WHOM?	108
21.	PRAMOD PANDURANGRAO LONARKAR & PARMESHWAR GORE	108
22		112
22.	LIVESTOCK A WAY TOWARDS RURAL INDUSTRIALIZATION-A CASE STUDY OF POULTRY BUSINESS	112
22	SUNIL SUBHASH PATIL  THE ECONOMISTRIC SETIMATION OF ELASTICITIES OF DEMAND FOR INDIA/S EXPORTS AND IMPORTS	117
23.	THE ECONOMETRIC ESTIMATION OF ELASTICITIES OF DEMAND FOR INDIA'S EXPORTS AND IMPORTS	117
2.6	P. SUHAIL & V.R. REMA JYOTHIRMAYI	455
24.	SOCIAL IMPACT OF MICRO FINANCE ON RURAL POOR IN ANDHRA PRADESH	122
	DR. NANU LUNAVATH	
<b>25</b> .	MAHATMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE ACT (MGNREGA): ISSUES AND CHALLENGES	136
	HARSIMRAN SINGH	
	REQUEST FOR FEEDBACK	141

## 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

## PATRON

#### SH. RAM BHAJAN AGGARWAL

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

## CO-ORDINATOR

DR. BHAVET

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

## 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. SAMBHAV GARG

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. SIKANDER KUMAR** 

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

**PROF. SANJIV MITTAL** 

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

**PROF. RAJENDER GUPTA** 

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

**PROF. NAWAB ALI KHAN** 

Department of Commerce, Aligarh Muslim University, Aligarh, U.P.

#### **PROF. S. P. TIWARI**

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

DR. ANIL CHANDHOK

Professor, Faculty of Management, Maharishi Markandeshwar University, Mullana, Ambala, Haryana

#### DR. ASHOK KUMAR CHAUHAN

Reader, Department of Economics, Kurukshetra University, Kurukshetra

#### DR. SAMBHAVNA

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

#### DR. MOHENDER KUMAR GUPTA

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

#### DR. VIVEK CHAWLA

Associate Professor, Kurukshetra University, Kurukshetra

#### DR. SHIVAKUMAR DEENE

Asst. Professor, Government F. G. College Chitguppa, Bidar, Karnataka

## ASSOCIATE EDITORS

#### **PROF. ABHAY BANSAL**

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

#### **PARVEEN KHURANA**

Associate Professor, Mukand Lal National College, Yamuna Nagar

#### **SHASHI KHURANA**

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

#### **SUNIL KUMAR KARWASRA**

Principal, Aakash College of Education, Chander Kalan, Tohana, Fatehabad

#### **DR. VIKAS CHOUDHARY**

Asst. Professor, N.I.T. (University), Kurukshetra

## TECHNICAL ADVISORS

#### **MOHITA**

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

Faculty, Government M. S., Mohali

## FINANCIAL ADVISORS

#### **DICKIN GOYAL**

Advocate & Tax Adviser, Panchkula

#### **NEENA**

Investment Consultant, Chambaghat, Solan, Himachal Pradesh

## LEGAL ADVISORS

#### **JITENDER S. CHAHAL**

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

### **CHANDER BHUSHAN SHARMA**

Advocate & Consultant, District Courts, Yamunanagar at Jagadhri

## <u>SUPERINTENDENT</u>

**SURENDER KUMAR POONIA** 

## **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; Business 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 addresses: infoijrcm@gmail.com or info@ijrcm.org.in.

## GUIDELINES FOR SUBMISSION OF MANUSCRIPT

	DATED:
THE EDITOR JRCM	
Subject: SUBMISSION OF MANUSCRIPT IN THE AREA OF	
(e.g. Finance/Marketing/HRM/General Management/Economics/Psychology/	Law/Computer/IT/Engineering/Mathematics/other, please specify)
DEAR SIR/MADAM	
Please find my submission of manuscript entitled '	' for possible publication in your journals.
hereby affirm that the contents of this manuscript are original. Furthermore,	it has neither been published alsowhere in any language fully or partly, nor is i
under review for publication elsewhere.	it has hertiter been published eisewhere in any language fully or partly, nor is i
under review for publication elsewhere.  affirm that all the author (s) have seen and agreed to the submitted version of	the manuscript and their inclusion of name (s) as co-author (s).
under review for publication elsewhere.  affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form	the manuscript and their inclusion of name (s) as co-author (s).
under review for publication elsewhere.  affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form contribution in any of your journals.  NAME OF CORRESPONDING AUTHOR: Designation:	the manuscript and their inclusion of name (s) as co-author (s).
affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form contribution in any of your journals.  NAME OF CORRESPONDING AUTHOR: Designation: Affiliation with full address, contact numbers & Pin Code:	
affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form contribution in any of your journals.  NAME OF CORRESPONDING AUTHOR: Designation: Affiliation with full address, contact numbers & Pin Code: Residential address with Pin Code:	the manuscript and their inclusion of name (s) as co-author (s).
affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form contribution in any of your journals.  NAME OF CORRESPONDING AUTHOR: Designation: Affiliation with full address, contact numbers & Pin Code: Residential address with Pin Code: Mobile Number (s):	the manuscript and their inclusion of name (s) as co-author (s).
affirm that all the author (s) have seen and agreed to the submitted version of Also, if my/our manuscript is accepted, I/We agree to comply with the form contribution in any of your journals.  NAME OF CORRESPONDING AUTHOR: Designation: Affiliation with full address, contact numbers & Pin Code: Residential address with Pin Code:	the manuscript and their inclusion of name (s) as co-author (s).

- The sender is required to mention the following in the **SUBJECT COLUMN** of the mail: New Manuscript for Review in the area of (Finance/Marketing/HRM/General Management/Economics/Psychology/Law/Computer/IT/ Engineering/Mathematics/other, please specify)
- There is no need to give any text in the body of mail, except the cases where the author wishes to give any specific message w.r.t. to the manuscript.
- d) The total size of the file containing the manuscript is required to be below 500 KB.
- Abstract alone will not be considered for review, and the author is required to submit the complete manuscript in the first instance.
- The journal gives acknowledgement w.r.t. the receipt of every email and in case of non-receipt of acknowledgment from the journal, w.r.t. the submission of manuscript, within two days of submission, the corresponding author is required to demand for the same by sending separate mail to the journal.
- 2. MANUSCRIPT TITLE: The title of the paper should be in a 12 point Calibri Font. It should be bold typed, centered and fully capitalised.
- 3. IOR NAME (S) & AFFILIATIONS: The author (s) full name, designation, affiliation (s), address, mobile/landline numbers, and email/alternate email address should be in italic & 11-point Calibri Font. It must be centered underneath the title.
- ABSTRACT: Abstract should be in fully italicized text, not exceeding 250 words. The abstract must be informative and explain the background, aims, methods, results & conclusion in a single para. Abbreviations must be mentioned in full.

- 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.
- MANUSCRIPT: Manuscript must be in BRITISH ENGLISH prepared on a standard A4 size PORTRAIT SETTING PAPER. It must be prepared on a single space and 6 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
- SUB-HEADINGS: All the sub-headings should be in a 8 point Calibri Font. These must be bold-faced, aligned left and fully capitalised. 8.
- MAIN TEXT: The main text should follow the following sequence: 9

INTRODUCTION

REVIEW OF LITERATURE

**NEED/IMPORTANCE OF THE STUD** 

STATEMENT OF THE PROBLEM

**HYPOTHESES** 

RESEARCH METHODOLOGY

**RESULTS & DISCUSSION** 

**RECOMMENDATIONS/SUGGESTIONS** 

SCOPE FOR FURTHER RESEARCH

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, 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.
- EQUATIONS: These should be consecutively numbered in parentheses, horizontally centered with equation number placed at the right. 11.
- 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.

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.

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.

#### WERSITE

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

#### **BUSINESS DEVELOPMENT & GREEN MARKETING**

DR. R. KARUPPASAMY

DIRECTOR

DEPARTMENT OF MANAGEMENT STUDIES AND RESEARCH

SNS COLLEGE OF TECHNOLOGY

COIMBATORE

C. ARUL VENKADESH

ASST. PROFESSOR

DEPARTMENT OF M.B.A.

COIMBATORE INSTITUTE OF ENGINEERING & TECHNOLOGY

VELLIMALAIPATTINAM, NARASIPURAM (POST)

#### **ABSTRACT**

Business development means different things to different people. That's why it is appropriate to define the term beforehand. For some it simply means prospection, to others it can mean developing a new product or technology, while to others it can mean investing or divesting corporate assets. All have their own right to claim that their activity is business development, that's why it is necessary to dissect the term. "Business development is about bringing discontinuity into the normal operations of an organization. It's about bringing, doing or developing new things the organization didn't do before." Business Development professionals frequently have had earlier experience in financial services, investment banking or management consulting; although many find their route to this area by climbing the corporate ladder in functions such as operations management or sales. Skillets and experience for business-development specialists usually consist of a mixture of the following (depending on the business requirements):Marketing, Legal, Strategy, Finance, Proposal management or capture management, Sales experience The "pipeline" refers to flow of potential clients which a company has started developing. Business-development staff assign to each potential client in the pipeline a percent chance of success, with projected sales-volumes attached. Planners can use the weighted average of all the potential clients in the pipeline to project staffing to manage the new activity when finalized. Enterprises usually support pipelines with some kind of CRM (customer relationship management) tool or CRM-database, either web-based (such as the salesforce.com software-as-a-service solution) or an in-house system. Sometimes business development specialists manage and analyze the data to produce sales management information (MI). Such MI could include: Reasons for wins/losses, Progress of opportunities in relation to the sales process, Top performing salespeople/sales channels, Sales of services/products For larger and wellestablished companies, especially in technology-related industries, the term "business development" often refers to setting up and managing strategic relationships and alliances with other, third-party companies. In these instances the companies may leverage each others' expertise, technologies or other intellectual property to expand their capacities for identifying, researching, analyzing and bringing to market new businesses and new products, businessdevelopment focuses on implementation of the strategic business plan through equity financing, acquisition/divestiture of technologies, products, and companies, plus the establishment of strategic partnerships where appropriate. The effective green marketing requires applying good marketing principles to make green products desirable for consumers. Now the question that remains, however, is, what is the future of green marketing? Historically green marketing has been a misunderstood concept. The rising price, growing pollution and resource consumption in Asia and political pressure to address climate change are driving innovation toward healthier, more-efficient, high performance products. In shorts all marketing will incorporate elements of green marketing. At the same time to avoid green marketing myopia, the future success of product dematerialization i.e. shift from "sales of goods" to the "sales of services", and more sustainable services will depend on credibly communicating and delivering consumer- desired value in the market place. Only then, product dematerialization will steer business on to a more sustainable path.

#### **KEYWORDS**

Green marketing, Business development, green product, eco-friendly business.

#### INTRODUCTION

n this contemporary world, an ecological issue such as global warming interests both the marketing practitioners as well as the consumers. The term "green marketing" simply denotes all the activities intended to generate as well as facilitate any exchange in order to satisfy human needs such that satisfying these needs happen with the most minimal input on the environment. Companies all across the globe have started differentiating their products and services by using go-green concern and have started utilizing ecological marketing approach as a mere competitive edge. This green marketing approach is largely used as a gimmick by the gigantic corporate houses in order to make a difference in the consumer's point of view when it comes to major market decisions. "According to the American Marketing Association, green marketing is the marketing of products that are presumed to be environmentally safe. Thus green marketing incorporates a broad range of activities, including product modification, changes to the production process, packaging changes, as well as modifying advertising." Green or Environmental Marketing consists of all activities designed to generate and facilitate any exchanges intended to satisfy human needs or wants, such that the satisfaction of these needs and wants occurs, with minimal detrimental impact on the natural environment. Yet defining green marketing is not a simple task where several meanings intersect and contradict each other; an example of this will be the existence of varying social, environmental and retail definitions attached to this term. Other similar terms used are Environmental Marketing and Ecological Marketing.

The term Green Marketing came into prominence in the late 1980s and early 1990s. The American Marketing Association (AMA) held the first workshop on "Ecological Marketing" in 1975. The proceedings of this workshop resulted in one of the first books on green marketing entitled "Ecological Marketing".

The first wave of Green Marketing occurred in the 1980s. Corporate Social Responsibility (CSR) Reports started with the ice cream seller Ben & Jerry's where the financial report was supplemented by a greater view on the company's environmental impact. In 1987 a document prepared by the World Commission on Environment and Development defined sustainable development as meeting "the needs of the present without compromising the ability of future generations to meet their own need", this became known as the Brundtland Report and was another step towards widespread thinking on sustainability in everyday activity. Two tangible milestones for wave 1 of green marketing came in the form of published books, both of which were called Green Marketing. They were by Ken Peattie (1992) in the United Kingdom and by Jacquelyn Ottman (1993) in the United States of America.[citation needed]

According to Jacquelyn Ottman, (author of Green Marketing: Opportunity for Innovation) from an organizational standpoint, environmental considerations should be integrated into all aspects of marketing — new product development and communications and all points in between. The holistic nature of green also suggests that besides suppliers and retailers new stakeholders be enlisted, including educators, members of the community, regulators, and NGOs. Environmental issues should be balanced with primary customer needs.[citation needed] The past decade has shown that harnessing consumer power to effect positive environmental change is far easier said than done.

The so-called "green consumer" movements in the U.S. and other countries have struggled to reach critical mass and to remain in the forefront of shoppers' minds. While public opinion polls taken since the late 1980s have shown consistently that a significant percentage of consumers in the U.S. and elsewhere profess a strong willingness to favor environmentally conscious products and companies, consumers' efforts to do so in real life Have remained sketchy at best.

One of green marketing's challenges is the lack of standards or public consensus about what constitutes "green," according to Joel Makower, a writer on green marketing.

#### FIG 1.1: GREEN BUSINESSES - ENERGY SAVING CAMPAIGN OF SUN CHIPS



#### **HISTORY**

In essence, there is no definition of "how good is good enough" when it comes to a product or company making green marketing claims. This lack of consensus—by consumers, marketers, activists, regulators, and influential people—has slowed the growth of green products, says Makower, because companies are often reluctant to promote their green attributes, and consumers are often skeptical about claims. Despite these challenges, green marketing has continued to gain adherents, particularly in light of growing global concern about climate change. This concern has led more companies to advertise their commitment to reduce their climate impacts, and the effect this is having on their products and services. The first wave of Green Marketing occurred in the 1980s. Corporate Social Responsibility (CSR) Reports started with the ice cream seller Ben & Jerry's where the financial report was supplemented by a greater view on the company's environmental impact. In 1987 a document prepared by the World Commission on Environment and Development defined sustainable development as meeting "the needs of the present without compromising the ability of future generations to meet their own need", this became known as the Brundtland Report and was another step towards widespread thinking on sustainability in everyday activity. Two tangible milestones for wave 1 of green marketing came in the form of published books, both of which were called Green Marketing. They were by Ken Peattie (1992) in the United Kingdom and by Jacquelyn Ottman (1993) in the United States of America.



#### WHY GREEN BUSINESS IS IMPORTANT

Economics is the study of how people use their limited resources to try to satisfy unlimited wants. [McTaggart, Findlay and Parkin 1992, 24] Thus mankind has limited resources on the earth, with which she/he must attempt to provide for the worlds' unlimited wants. (There is extensive debate as to whether the earth is a resource at man's disposal, for example, see Gore 1993.) While the question of whether these wants are reasonable. Important, this issue will not be addressed in this paper. In market societies where there is "freedom of choice", it has generally been accepted that individuals and organizations have the right to attempt to have their wants satisfied. As firms face limited natural resources, they must develop new or alternative ways of satisfying these unlimited wants. Ultimately green marketing looks at how marketing activities utilize these limited resources, while satisfying consumers wants, both of individuals and industry, as well as achieving the selling organization's objectives. According to a recent McKinsey survey: "consumers say they are very concerned about climate change, and they connect the dots back to their own purchases, according to a 2007 mckinsey survey of 7,751 people in brazil, Canada, China, France, Germany, India, the united kingdom, and the united states. Indeed, the poll shows that 87 percent of consumers worry about the environmental and social impact of the products they buy.

#### The life stage of product would include the following:

Stage- I	Development stage: traditionally characterized as the acquisition of raw materials, component parts, and subassemblies. The alternative approach advocated here encourage manufacturer to check the environmental programs of suppliers, to require minimal packaging of inputs, and to consider sources of materials that could be easily replenished or are recyclable.	
S tage-II	Production stage: manufacturing companies are encourage to reduce emission, toxicity and waste, and to conserve water and energy. They are also encourage to seek and develop alternative uses for waste products, to revise the manufacturing process, to minimize waste generation, to minimize energy use or to attempt to find alternative sources of energy.	
Stage-III	Consumption stage: minimization of packaging, conservation of energy and minimization of waste from product maintenance and service are strongly urged.	
Stage-IV	The final stage of a product is its disposal, green marketing introduce the concepts of reuse and recyclability, in addition to the concept of waste reduction.	

#### WHY ARE FIRMS USING GREEN MARKETING?

When looking through the literature there are several suggested reasons for firms increased use of Green Marketing. Five possible reasons cited are:

- 1. Organizations perceive environmental marketing to be an opportunity that can be used to Achieve its objectives [Keller 1987, Shearer 1990];
- 2. Organizations believe they have a moral obligation to be more socially responsible [Davis 1992, Freeman and Liedtka 1991, Keller 1987, McIntosh 1990, Shearer 1990];
- 3. Governmental bodies are forcing firms to become more responsible [NAAG 1990];
- 4. Competitors' environmental activities pressure firms to change their environmental Marketing activities [NAAG 1990]; and
- 5. Cost factors associated with waste disposal, or reductions in material usage forces firms to Modify their behavior [Azzone and Manzini 1994].

#### **OPPORTUNITIES – GREEN MARKETING**

It appears that all types of consumers, both individual and industrial are becoming more concerned and aware about the natural environment. In a 1992 study of 16 countries, more than 50% of consumers in each country, other than Singapore, indicated they were concerned about the environment [Ottman 1993].A 1994 study in Australia found that 84.6% of the sample believed all individuals had a responsibility to care for the environment. A further 80% of this sample indicated that they had modified their behavior, including their purchasing behavior, due to environmental reasons [EPA-NSW 1994]. As demands change, many firms see these changes as an opportunity to be exploited. Given these figures, it can be assumed that firms marketing goods with environmental characteristics will have a competitive advantage over firms marketing non-environmentally responsible alternatives.

There are numerous examples of firms who have strived to become more environmentally responsible, in an attempt to better satisfy their consumer needs.

- McDonald's replaced its clam shell packaging with waxed paper because of increased consumer concern relating to polystyrene production and Ozone depletion [Gifford 1991, Hume 1991].
- Tuna manufacturers modified their fishing techniques because of the increased concern over driftnet fishing, and the resulting death of dolphins [Advertising Age 1991].
- Xerox introduced a "high quality" recycled photocopier paper in an attempt to satisfy the demands of firms for less environmentally harmful products.

This is not to imply that all firms who have undertaken environmental marketing activities actually improve their behavior. In some cases firms have misled consumers in an attempt to gain market share. In other Polonsky: An Introduction To Green Marketing cases firms have jumped on the green bandwagon without considering the accuracy of their behavior, their claims, or the Effectiveness of their products.

This lack of consideration of the true "greenness" of activities may result in firms making false or misleading green marketing claims.



FIG 1.2: GREEN MARKETING AD OF TUMI INC.

## **Tumi's Cheap Shot at Green Marketing**

Posted by: Burt Helm on May 06, 2008



Over at Seth's Blog, Seth Godin gripes about a Tumi ad, pictured, that never explains why more luggage equals more trees, or acknowledges that manufacturing luggage likely cancels out the trees' contribution to the environment. He writes:

"The easiest marketing promise to make is to say you'll do something green if people consume what you sell. That you'll support one green cause or another. No one is in charge of checking out your story, and my guess is that 90% of the time, it leads to a net negative—more landfill, more carbon, more waste."

#### CHALLENGES/ISSUES WITH GOING GREEN MARKETING

No matter why a firm uses green marketing there are a number of potential problems that they must overcome. One of the main problems is that firms using green marketing must ensure that their activities are not misleading to consumers or industry, and do not breach any of the regulations or laws dealing with environmental marketing. For example: Marketers in the US must ensure their green marketing claims can meet the following set of criteria, in order to comply with the FTC's guidelines.

#### Green marketing claims must;

- Clearly state environmental benefits;
- Explain environmental characteristics;
- Explain how benefits are achieved;
- Ensure comparative differences are justified;
- Ensure negative factors are taken into consideration; and
- Only use meaningful terms and pictures.

Another problem firm's face is that those who modify their products due to increased consumer concern must contend with the fact that consumers' perceptions are sometimes not correct. Take for example the McDonald's case where it has replaced its clam shells with plastic coated paper. There is ongoing scientific debate which is more environmentally friendly. Some scientific evidence suggests that when taking a cradleto- grave approach, polystyrene is less environmentally harmful. If this is the case McDonald's bowed to consumer pressure, yet has chosen the more environmentally harmful option. When firms attempt to become socially responsible, they may face the risk that the environmentally responsible action of today will be found to be harmful in the future. Take for example the aerosol industry which has switched from CFCs (chlorofluorocarbons) to HFCs (hydro fluorocarbons) only to be told HFCs are also a greenhouse gas. Some firms now use DME (dimethyl ether) as an aerosol propellant, which may also harm the ozone layer [Debets 1989]. Given the limited scientific knowledge at any point in time, it may be impossible for a firm to be certain they have made the correct environmental decision. This may explain why some firms, like Coca-Cola and Walt Disney World, are becoming socially responsible without publicizing the point. They may be protecting themselves from potential future negative backlash, if it is determined they made the wrong decision in the past. While governmental regulation is designed to give consumers the opportunity to make better decisions or to motivate them to be more environmentally responsible, there is difficulty in establishing policies that will address all environmental issues

For example, guidelines developed to control environmental marketing address only a very narrow set of issues, i.e., the truthfulness of environmental marketing claims [Schlossberg 1993]. If governments want to modify consumer behavior they need to establish a different set of regulations. Thus governmental attempts to protect the environment may result in a proliferation of regulations and guidelines, with no one central controlling body. Reacting to competitive pressures can cause all "followers" to make the same mistake as the "leader."

A costly example of this was the Mobil Corporation who followed the competition and introduced "biodegradable" plastic garbage bags. While technically these bags were biodegradable, the conditions under which they were disposed did not allow biodegradation to occur. Mobil was sued by several US states for using misleading advertising claims [Lawrence 1991]. Thus blindly following the competition can have costly ramifications. The push to reduce costs or increase profits may not force firms to address the important issue of environmental degradation. End-of-pipe solutions may not actually reduce the waste but rather shift it around. While this may be beneficial, it does not necessarily address the larger environmental problem, though it may minimize its short term affects. Ultimately most waste produced will enter the waste stream, therefore to be environmentally responsible organizations should attempt to minimize their waste, rather than find "appropriate" uses for it.

#### CONCLUSION

Our understanding to green marketing is still in it's infancy, perhaps due to the multidisciplinary nature of the enterprises. Marketing scholars focus on a host of business-strategy and public policy issues, including eco-level and market segmentation and the role of structural factors and economic incentives in influencing consumer behaviour. For environmental economists, green marketing signifies a broader trend in the evolution of environmental policies that focus on information disclosure. Political economists focus on collective action dilemmas inherent in green marketing at the consumer and producer level. Clearly there are many lesion to be learned to avoid confusion i.e what you can say as "Green Marketing Myopia". The green marketers must understand the fact that they have to satisfy two objectives: improved environmental quality and customer satisfaction. Misjudging either or overemphasizing the former at the expenses of the latter may cause a fatal result for companies. Research indicates that many green products have failed because of green marketing myopia; marketers myopic focus on their product's greenness over the broader expectations of consumers. For example Whirlpool (in1994) launched the "Energy Wise" refrigerator, the first CFC free cooler and one that was 30% more efficient than the U. S. Department of Energy's highest standard. For its innovation Whirlpool won the prestigious "Golden Carrot", a \$30 million award package. Unfortunately, Energy Wise's sales languished because the CFC-free benefit and energy saving did not off set it's \$100 to \$150 price premium and the refrigerator did not offer additional features or new styles that consumers desired. Roper ASW's 2002" Green Gauge Report" finds that the top reasons consumers do not buy green products included beliefs that they require sacrifices- inconvenience, higher cost, lower performance- without significant environmental benefits.

The effective green marketing requires applying good marketing principles to make green products desirable for consumers. Now the question that remains, however, is, what is the future of green marketing? Historically green marketing has been a misunderstood concept. The rising price, growing pollution and resource consumption in Asia and political pressure to address climate change are driving innovation toward healthier, more-efficient, high performance products. In shorts all marketing will incorporate elements of green marketing. At the same time to avoid green marketing myopia, the future success of product dematerialization i.e. shift from "sales of goods" to the "sales of services", and more sustainable services will depend on credibly communicating and delivering consumer- desired value in the market place. Only then, product dematerialization will steer business on to a more sustainable path.

#### **REFERENCES**

#### **E- REFERENCES**

- http://latestbusinessupdates.com/
- http://www.prweb.com/ Press Release Distribution Submit Press Releases Online Thursday October 7, 2010.
- http://www.scribd.com/doc/12859654/Green-Marketing-
- http://www.the-unlimited.net/articles/BD/bddefinition.html

#### **BOOK REFERENCES**

- Ron Sullivan. 2007. "Enduring Success, Using the APICS body of knowledge to achieve greater sustainability." APICS magazine. vol. 17, no. 8.
- Tueth. Matthew Ph.D (2010). Fundamentals of Sustainable Business A Guide to the Next 100 years. Hackensack: World Scientific Publishing Co.
- Green Market Research reports from American Lives, 2004.
- EGJ Electronic green journal by Polonsky, Michael Jay, University of Newcastle Page 2&3.
- Becker, T. (2008). "The Business behind Green, Eliminating fear, uncertainty, and doubt." APICS magazine. vol. 18, no. 2.
- Hawken, P., A. Lovins, and L. Hunter Lovins. (1999). Natural Capitalism: Creating the Next Industrial Revolution. Little, Brown.



## 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-mails i.e. infoijrcm@gmail.com or info@ijrcm.org.in 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.







