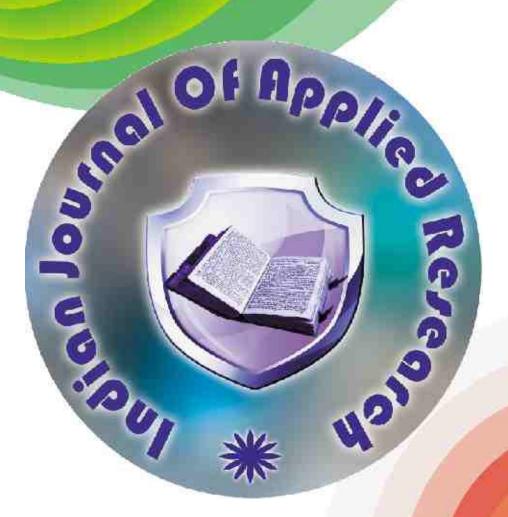
₹ 100 ISSN - 2249-555X

Volume: 1 Issue: 4 January 2012



Journal for All Subjects

www.ijar.in

Listed in International ISSN Directory, Paris.



# Indian Journal of Applied Research Journal for All Subjects

## **Editor-In-Chief**

#### Dr A Kumar

Director, College Development Council (CDC)
Director, Internal Quality Assurance Cell (IQAC)
Professor in Management,
Department of Business Administration, Faculty of Management,
Bhavnagar University,

## **Editorial Advisory Board**

Dr. S. N. Pathan Maharastra **Dr. SM. Ramasamy**Gandhigram

Dr. M. M. Goel Kurukshetra Dr. S. Ramesh Tamil Nadu

Dr Ramesh Kumar Miryala Nalgonda. Dr. B. Rajasekaran Tirunelyeli

Dr. A. R. Saravankumar Tamilnadu Dr. Roy M. Thomas Cochin

**Dr. G. Selvakumar** Salem **Dr. Apurba Ratan Ghosh** Burdwan

Dr. Shrawan K Sharma Uttarakhand **Dr. Sudhanshu Joshi** Uttarakhand

Prof. (Dr.) B Anandampilai Pudhukottai

#### **Advertisement Details**

#### Subscription Details

Position	B/W (Single Color)	Fore Color
Full Inside Cover	₹ 6000	₹ 12500
Full Page (Inside)	₹ 5000	-

Period	Rate	Discount	Amount Payable
One Year (12 Issues)	<b>\$ 2400</b>	Nil	₹ 2400
Two Year (24 issues)	<b>\$ 4800</b>	₹ 200	₹ 4600
Three Year (36 issues)	₹ 7200	₹ 300	₹ 6900
Five Year (60 issues)	₹12000	₹ 600	₹ 11400

You can download the Advertisement / Subscription Form from website www.ijar.in. You will require to print the form. Please fill the form completely and send it to the **Editor**, **INDIAN JOURNAL OF APPLIED RESEARCH** along with the payment in the form of Demand Draft/Cheque at Par drawn in favour of **INDIAN JOURNAL OF APPLIED RESEARCH** payable at Ahmedabad.

- 1. Thoughts, language vision and example in published research paper are entirely of author of research paper. It is not necessary that both editor and editorial board are satisfied by the research paper. The responsibility of the matter of research paper/article is entirely of author.
- 2. Editing of the Indian Journal of Applied Research is processed without any remittance. The selection and publication is done after recommendations of atleast two subject expert referees.
- 3. In any condition if any National/International University denies accepting the research paper published in IJAR, then it is not the responsibility of Editor, Publisher and Management.
- 4. Only the first author is entitle to receive the copies of all co-authors
- 5. Before re-use of published research paper in any manner, it is compulsory to take written permission from the Editor-IJAR, unless it will be assumed as disobedience of copyright rules.
- 5. All the legal undertaking related to Indian Journal of Applied Research is subject to Ahmedabad Jurisdiction.
- 7. The research journal will be send by normal post. If the journal is not received by the author of research papers then it will not be the responsibility of the Editor and publisher. The amount for registered post should be borne by author of the research paper in case of second copy of the journal.

#### Editor,

#### **Indian Journal Of Applied Research**

8-A, Banans, Opp. SLU Girls College, New Congres Bhavan, Paldi, Ahmedabad-380006, Gujarat, INDIA Contact.: +91-9824097643 E-mail : editor@ijar.in

# **INDEX**

Sr. No	Title	Author	Subject	Page. No.
1.	Statistical Optimization Of Ferulic Acid Esterase Production In Aspergillus Niger Isolate Using Response Surface Methodology	Baljinder Kaur , Neena Garg	Biotechnology	1-6
2.	Development Of Forest Area In Tropics: The Urgency Of People's Participation In The Indian Context	Dr. M. P. Naik	Commerce	7-8
3.	Opportunity For International Corporations At Bop Segments Of Emerging Markets (Focus : India)	Bhudhar Ranjan Chatterjee , Sukanya Chatterjee.	Commerce	9-11
4.	Retail Trade	Viram. J. Vala , Dr. (Prof.) Vijay Kumar Soni	Commerce	12-15
5.	Determinants Of Market Value Added Some Empirical Evidence From Indian Automobile Industry	Dr. A. Vijayakumar	Commerce	16-20
6.	The Welfare Facilities Available To The Workers In Paper Mills In Madurai	Dr. M. Sumathy,A. Vijayalekshmi	Commerce	21-24
7.	Green Marketing - New Hopes And Challenges	Dr. Prashant M. Joshi	Commerce	25-27
8.	A Study On Employee Welfare Measures In Maharashtra State Transport Corporation With Special Reference To Kolhapur District.	Dr. H. M. Thakar , Prof. Urmila Kisan Dubal	Commerce	28-30
9.	Business Environment In South Korea An International Perspective	Dr. M. Kamalun Nabi , Dr. M. Saeed	Commerce	31-35
10.	Market Timing - Implications Of Market Valuation On Share Issues By Indian Companies	L. Ganesamoorthy , Dr. H. Shankar	Commerce	36-38
11.	The Conceptual Framework Of Corporate Social Accounting	Rechanna, Dr. B. Mahadevappa	Commerce	39-50
12.	Labour Welfare Measures And The Extent Of Satisfaction Of Tirupur Garment Employees	Mr. S. Hariharan , Mr. N. Selvakumar, Dr .H. Balakrishnan	Commerce	51-53
13.	Mahila Savsth Aur Jacha-Bacha Ko Bachane Ko Chunoti	Dr. Anup Chaturvedi	Community Science	54-55
14.	Mapping Of Existing Waste Dumping Sites And Newly Proposed Waste Dumping Sites In And Around Chitradurga Taluk, Karnataka State, Using Remote Sensing And GIS Techniques.	Sunil Kumar R. K Chinnaiah , Suresh Kumar B.V	Earth Science	56-58
15.	A Role Of Municipal Council And Corporation Of Financial Problems In Nanded District (Maharashtra)	Dr. A. S. Pawar	Economics	59
16.	Impact Of Institutional Credit On Weaker Section In Akola District	Dr. Devyanee K Nemade, Dr. Vanita K Khobarkar	Economics	60-62
17.	Right To Education In India	Dr. Pawar A. S.	Economics	63-65
18.	Gramin Ayam Adivasi Mahilo Ke Arthik Shakti : Sukhma Virti (Adipur Jila Ke Gramin Ayam Adivasi Mahilao Ka Ek Ayaktik Adhiyan Shobha Gupta	Shobha Gupta	Economics	66-67

19.	Knowledge On Food Security Education Among	Dr. P. Paul Devanesan , Dr. A.	Education	68-69
	Higher Secondary Students	Selvan		
20.	Family Environment As A Determinant of Academic Anxiety And Academic Achievement	Dr. RajKumari Kalra , Ms. Preeti Manani	Education	70-71
21.	Awareness On Man-Made Disaster In Environmental Education Among High School Students	Dr. A. Selvan,Dr. P. Paul Devanesan	Education	72-73
22.	Teaching Strategies For Simplifying Fractions In Mathematics	M. Kavitha , Dr. A R. Saravanakumar	Education	74-76
23.	Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGA): A Boon to Tribal Women	Dr. Sherly Thomas	Education	77-78
24.	Sports as a Tool for Interest Oriented Learning	E. Baby Sumanna	Education	79-80
25.	Balanced Scorecard for Higher Education	Jyoti D Joshl	Education	81-83
26.	A Study Of The Interactive Influence Of CAI Package On Academic Achievement	Kunal D. Jadhav	Education	84-85
27.	Reduction Of Fault Current Using SFCL At The Suitable Location In The Smartgrid	Pudi Sekhar,K .Venkateswara Rao,M. Ebraheem,P. Nageswara Rao	Electronics	86-88
28.	HRD Climate in Private Manufacturing Sector: An Appraisal	Dr. Sukhwinder Singh Jolly	Engineering	89-90
29.	Wireless Speed Measurement And Control Of Universal Motor	G. Prasad,G. Ramya Swathi,Dr. P. V. N. Prasad,A. Muneiah	Engineering	91-94
30.	Design Of Decentralized Load-Frequency Controller For Deregulated Hydro-Thermal Power Systems With Non-Linearities	M. Vinothkumar,Dr. C. Kumar, Dr. S. Velusami	Engineering	95-99
31.	Optimization Of Process Parameters For Gas Tungsten Arc Welding Aluminum Alloy A6061 By Taguchi Method	P. Hema,K. Allama Prabhu, Prof. K. Ravindranath	Engineering	100- 103
32.	Numerical Approach To Predict The Thermal Performance Of Parallel And Counter Flow Packed Bed Solar Air Heaters	Satyender Singha,Prashant Dhiman,Ritika Kondal	Engineering	104- 108
33.	Institute For Entrepreneurship Development Amongst Farmers- Especially Small And Marginal Land Holders.	Sweta Sanjog Metha	Entrepreneurship Development	109- 111
34.	Phytoplankton Diversity From Godavari River Water (Maharashtra)	Satish.S.Patil, Ishwar.B.Ghorade	Environmental Science	11- 114
35.	Nutrient Adequacy Among Selected Tribal Adolescent Girls Of Kattunayakan Tribes In Tamil Nadu	Somishon Keishing,Saranya .R	Home Science	115- 116
36.	Vaigyanic Sacharata Aur Arthik- Samajik Vikas	Dr. Sudobh Kumar	Humanities	117- 118
37.	E-Pharmacy In India For Reducing Inter-State Accessibility Dispersion	Satinder Bhatia	Information Technology	119- 121
38.	Impact Of Intermediaries' Service Delivery In Insurance Sector	Dr. P. Anbuoli , R. Meikanda Ganesh Kumar	Insurance Sector	122- 124

39.	Fate And Human Endeavour In The Mahabharata	Dr Maneeta Kahlon	Literature	125- 127
40.	Facets of Hunger in Bhabani Bhattacharya's So Many Hungers and Kamala Markandaya's Nectar in a Sieve	Dr. Paramleen Kaur Syali , Ruchee Aggarwal	Literature	128- 129
41.	Business Financial Strategy In Small And Medium Scale Brick Industries In Kolar District, Karnataka State.	Muninarayanappa , Dr. S. Muralidhar	Management	130- 132
42.	A Study On Brand Equity Analysis Foreign Global Brands Vs Domestic Popular Brands Of Adult Consumer's Perspective In Coimbatore City	A.Pughazhendi, , S. Susendiran, , R. Thirunavukkarasu	Management	133- 135
43.	Comparative Analysis of Cellular Phone Usage Outline of Undergraduate Students.	Atul Patel	Management	136- 138
44.	A Study On Management Practices Of Entrepreneurs In Informal Sector	Dr. P. Vikkraman,Mr. S. Baskaran	Management	139- 142
45.	E-commerce: Emerging Channel for Marketing in India	Dr Mahalaxmi Krishnan	Management	143- 144
46.	The Role Of Educational Institutions In Imparting Entrepreneurship Qualities Among Student Community	Dr. N. Ramanjaneyalu	Management	145- 147
47.	Impulsive buying and In-store shopping environment	Dr. Surekha Rana , Jyoti Tirthani	Management	148- 149
48.	A Study On Management Practices Of Entrepreneurs In Informal Sector	Dr. P. Vikkraman,S. Baskaran	Management	150- 153
49.	Risk Management Processes And Techniques For Resolving Customer - Supplier Relationship Issues	Pramod Kumar , Prof (Dr.) S.L.Gupta	Management	154- 160
50.	Risk Management Processes & Techniques For The Successful Delivery Of Web Based Software Projects	Pramod Kumar,Prof (Dr.) S. L. Gupta	Management	161- 166
51.	Effect Of Brand Equity On Consumer Purchasing Behaviour On Car: Evidence From Car Owners In Madurai District	R. Suganya	Management	167- 169
52.	Relationship Management Model For Global It Industry.	Rishi Mohan Bhatnagar , Prof (Dr.) S. L. Gupta	Management	170- 173
53.	It's A Myth That Kirana Stores Will Be Wiped Out If FDI Is Allowed In Multi Brand Retail Sector In India	Shweta Patel,M R Brahmachari	Management	174- 176
54.	Learning Organization	Sitheswaran K , Dr. K. Balanaga Gurunathan	Management	177- 178
55.	Behavior Management: A Ready-made Soup For Indian Managers	Winnie Jasraj Joshi	Management	179- 180
56.	Customer Relationship Management In Public Sector Banks	Dr. P. Anbuoli , T. R. Thiruven Kat Raj	Marketing	181- 182
57.	Nifedipine Compared With Isoxuprine In Treatment Of Preterm Labor	Dr. Santosh Khajotia	Medical Science	183- 184

			•	
58.	Single Intraoperative Dose of Tranexamic Acid In Orthopedic Surgery (A Study of Bipolar Modular Prosthesis and Dynamic Hip Screw fixation)	Dr. B. L. Khajotia,Dr. S. K. Agarwal,Dr. Prasant Gadwal	Medical Science	185- 187
59.	MVA - A Simple & Safe Surgical Procedure For First Trimester Abortion / Medical Termination Of Pregnancy (MTP)	Dr. Priyamvada Shah , Dr. Sameer Darawade	Medical Science	188- 190
60.	Pneumococcal Septic Arthritis in an Infant A Case Report	Dr. Vrishali A Muley , Dr. Dnyaneshwari P Ghadage, . Dr. Arvind V Bhore	Medical Science	191- 192
61.	A Clear CSF may not be a Normal CSF A Case Report	Dr. Dnyaneshwari P Ghadage , Dr. Vrishali A. Muley , Dr. Arvind V. Bhore	Medical Science	193- 194
62.	Neurectomy For Tic How Much Reliable?	Dr. Monali H. Ghodke , Dr. Seemit V. Shah , Dr. Smita A. Kamtane	Medical Science	195- 198
63.	To Assess Acceptability Of Female Condom As A Method Of Temporary Contraception Among Indian Women	Dr Priyanka Shekhawat , Dr. Col (Retd) Gulab Singh, Dr Vidula Kulkarni Joshi	Medical Science	199- 200
64.	A Study To Evaluate The Efficacy Of Teaching Intervention On Reduction Of Pediatric Immunization Pain Among Nursing Students	Dr. Ramachandra , Dr. S. Valliammal, Mr. Raja Sudhakar	Nursing	201- 202
65.	Screening Of Antenatal Patients For Thalassemia	Dr Mukta Rayate , Dr Durga Karne , Dr Shilpa Bhat, Dr Hemant Damle , Dr Sameer Darawade, Varsha Gogavale	Obstetrics & Gynaecology	203- 204
66.	Reservoir Rock Quality of the Lakadong Member in the Eastern Part of Upper Assam Basin, India	Dr. Pradip Borgohain	Petroleum Geology	205- 207
67.	Study Of Refractive Index And Excess Parameters For Different Liquid Mixtures At Different Temperatures	Sheeraz Akbar , Mahendra Kumar	Physics	208- 210
68.	Refractometric And Excess Parameter Study For Liquid Mixtures Containing High Order Alkanes (C17) And 1-alkanols At Different Temperatures	Sheeraz Akbar , Mahendra Kumar	Physics	211- 213
69.	Assessment Of Knowledge About Health Services Available At Subcentre Level Among Village Inhabitants	Balpreet Singh , Jayanti Dutta	Public Health	214- 215
70.	Effect Of Yogic, Aerobic And Laughter Exercises On Body Composition (An experimental study)	Dr. Manjappa. P, , Dr. Shivarama Reddy. M	Sports	216- 220
71.	Age At Menarche In Physically Active And Non Active Urban Girls Of Patiala District	Jyoti Sharma,Dr. Ajita	Sports Science	221- 222
72.	Use Of Ranks For Analysis Of Groups Of Experiments	Dr. Vanita K Khobarkar , Dr. S. W. Jahagirdar, Dr. N. A. Chaube	Statistics	223- 225

## Research Paper

## Management



# **Learning Organization**

\* Sitheswaran K \*\* Dr. K. Balanaga Gurunathan

\* Asst. Professor, Dept of Management Studies, AMC Engineering College, Bangalore

\*\* Professor, Department of M.B.A., K.S.R. College of Technology, Tamil Nadu

#### ABSTRACT

The Learning Organization has recently developed a groundswell of interest from managers and organization theorists looking for new ways to successfully respond to a world of interdependence and change. Many consultants and organizations have recognized the commercial significance of organizational learning. The Learning Company is a vision of what might be possible. It is not brought about simply by training individuals, it can only happen as a result of learning at the whole organization level. A Learning Company is an organization that facilitates the learning of all its members and continuously transforms itself to adapt change, innovation and complexities of modern economic environment and successfully resists the uncertainties of implementation of planned change programme and efforts of organization to achieve competitive advantage in a growing market over its industry rivals.

## Keywords: Single-loop learning, Double loop learning, Team Learning, Systems thinking

"The political problem of mankind is to combine three things: Economic Efficiency, Social Justice and Individual Libertv."

- John Maynard Keynes

#### Introduction

ndian Economy of today has emerged as knowledge economy with increasing number of companies establishing new business models and the economic environment being healthy as ever witnessed the organizational development today has to face two most extreme challenges such as 1. Organizational Change and 2. Stress Management. The implementation of planned change programme in an organization needs continuous learning therefore the "Learning Organization" has recently developed with strong interest from managers and employees looking for new ways to successfully respond to a world of interdependence and change.

#### Definition

Learning organizations are characterized by total employee involvement in a process of collaboratively conducted, collectively accountable change directed towards shared values or principles. (Watkins and Marsick 1992)

Learning organizations are organizations where people continually expand their capacity to create the results they truly desire, where new and expansive patterns of thinking are nurtured, where collective aspiration is set free, and where people are continually learning to see the whole together. (Peter Senge 1990)

#### Meaning

A Learning Organization is the term given to a company that facilitates the learning of its members and continuously transforms itself .It is an organization that has developed the

continuous capacity to adapt and change. Like every individuals learn, organizations also learn things to adapt and change.

#### **Learning Organization Concept**

Organizations develop learning capabilities when there is change in the business models and the competition in Industry or Markets demand high qualified managerial skills and talents .As organizations grow and beyond a time period they lose their capacity to learn as company structures and individual thinking becomes rigid hence when the organization faces problems the proposed solutions fails to provide desired results this is more often reality is small and medium size enterprises .In today's dynamic world to create a competitive advantage in an economic environment companies need to learn faster and manage learning compares to their competitors and develop a customer responsive culture.

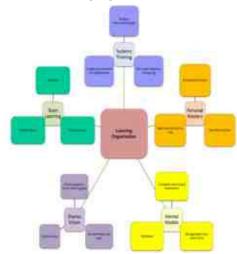
Abasic question of organizational learning is - what to learn?

"Chris Argyris" has identified that organizations need to maintain knowledge about new products and processes understand what is happening in the outside environment and produce creative solutions using the knowledge and skills of all within the organization this requires co-operation between individuals and groups free and reliable communication and a culture of trust.

#### Classification of Learning Organization

- Single-loop learning: when errors are detected, the correction process relies on past routines and present policies this type of learning is called "Single-loop learning".
- Double-loop learning: when errors is detected, it is corrected in ways that involve the modification of organization's objectives, policies, and standard routines this type of learning is called "Double loop learning".

Characteristics of Learning Organization



- Shared Vision: There is existence of shared vision which everyone agrees on which the staff is motivated to learn, as it creates a common identity that provides focus and energy for Learning.
- Team Learning: The organizations staff grows quickly through team or shared learning which helps them to build the knowledge and expertise of the staff and increases their capacity to solve problems in key areas. Therefore team members must develop open communication, shared meaning, and shared understanding.
- 3. Mental Models: Individuals and organizations have certain assumptions which are called "Mental Models" these models should be challenged has individuals tend to espouse theories, which are what they intend to follow, and theories in use, which are what they actually do. similarly organizations tend to have "Memories" which preserve certain behaviours, norms and values, for creating a learning environment it is important to replace confrontational attitudes with open culture that promotes inquiry and trust.
- 4. Personal Mastery: The commitment by an individual to the process of learning is known as personal mastery. Individual learning through staff training and development helps organizations to develop their workforce therefore organizational learning is nothing but a sum of individual learning.
- Systems thinking: Staff members think of all organizational processes, activities, functions, and interactions with environment as part of a system of interrelationship. Learning organizations use this method of Systems thinking when assessing their



company and have information systems that measure the performance of the organization as a whole and of its various components. Managing Learning

Creating a learning organization involves continuous learning. Managers can take a number of conscious efforts to create learning organization such as:

- Establishing suitable strategy: Management needs to formulate suitable strategy to adapt change, innovation, and continuous improvement process.
- Redesigning the organization structure: Learning organizations tend to have flat, decentralized organizational structures increasing the use of crossfunctional teams, inter-dependence is reinforced and boundaries between people are reduced.
- 3. Reshaping the organizational cultures: Learning organizations are usually risk taking and growth oriented organizations having openness to communication. Managers should set tone for the organizational culture both by what it says about strategy and what it does about behavior. Managers need to demonstrate by their actions that taking risks and admitting failures are a desirable trait that means rewarding people who take chances and make mistakes. Management needs to encourage functional conflicts which later contributes to effective learning in the organization.

#### **Benefits of Learning Organization**

The key benefits are:

- Maintaining levels of innovation and remaining competitive
- 2. Being better placed to respond to external pressures
- 3. Improving quality of outputs at all levels
- Improving corporate image by becoming more people oriented
- 5. Increasing the pace of change within the organization

# Limitations of Learning Organization

- Learning organization process is intangible hence its benefits cannot be easily measurable in quantitative terms
- 2. Resistance to learning can occur at the individual level.
- In some organizations where training and development is compulsory it is a form of control and it lacks personal development.
- Size of the organization can be a disadvantage towards internal knowledge sharing process where number of employees are more in the organization the volume of knowledge sharing decreases.
- In an learning organization where there is lack of team learning it can lead to individual learning and personal mastery hence conflicts in performance appraisal.
- Lack of continuous learning opportunities after a specific period of time, say after growth of Company .etc

#### Conclusion

Learning Organization provides opportunity for managers and staff members for self development and development of whole organization. As enterprise is deeply rooted with economy, increasing effectiveness learning organization promotes the growth of the "Knowledge Economy". Therefore to summarize briefly learning organization is a remedy for 3 basic fundamental problems of an traditional organization such as fragmentation, Competition and reactiveness which is a hurdle to every organization in implementing a Change and have smooth functioning of its business.

#### REFERENCES

Argyris, C. & Schön D. (1978) Organizational learning: Atheory of action perspective, Addison Wesley. | 2. Stephen P. Robbins & Timothy A. Judge, Seema Sanghi (2007) Organizational Behavior, Pearson Education. | Dixon, N. (1994) The Organizational Learning Cycle. How we can learn collectively, McGraw-Hill. | VSP .Rao & V. Hari Krishna (2009) Management: Text and Cases, Excel Books





Sara Publishing Academy Indian Journal Of Applied Research Journal for All Subjects



Editor, Indian Journal Of Applied Research 8-A, Banans, Opp. SLU Girls College,

New Congres Bhavan, Paldi, Ahmedabad-380006.

Contact.: +91-9824097643 E-mail: editor@ijar.in

Printed at Unique Offset, Novatsing Rupam Estate, Opp. Abhay Estate, Tavdipura, Shahibaug, Ahmedabad