

CRITERIA III – RESEARCH INNOVATION & EXTENSION

3.3.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings - 2016-17 (Total No. 14)

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Page No.
1	Dr. Sucheta Nalk	Gender, Environment And Sustainable Development	Editor				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	1- 5
2	Domitel D' Souza	Gender, Environment And Sustainable Development	Eco-Culture: An Ethos Amongst the Primeval Goans				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	6-14
3	Dr. C. P. Hiremath	Gender, Environment And Sustainable Development	Spatio Temporal study of Scheduled tribes and Sustainable development in Goa 1971-91-2011				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	15- 23

4	Mrs. Kshama Desai	Gender, Environment And Sustainable Development	Sustainable Development of women Through Petty and Micro Business Enterprises In Goa				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	24-35
5	Karishma Parsekar	Gender, Environment And Sustainable Development	Meditation: Stress Management and Sustainable development				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	36-44
6	Dr. F. M. Nadaf	Gender, Environment And Sustainable Development	United Nations: On Road to Sustainable development				2017	978-81-7946-052-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	A.P.H. Publishing Corporation 4435-36/7, Ansari Road, Darya Ganj, new Delhi- 110002	46-55
7	Dr. F. M. Nadaf	Environmental Challenges, Biodiversity and Sustainable Development	Geographical Analysis of Human Impact On the Western Ghats: Goan Scenerio				2017	978-93-862290-3-8	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	V.L. Media Solutions New-Delhi	56-68
8	Dr. Purnanand Chari		Ikkisavi sadi ke Konkani Natako me Manvity Samvedana, Sahitya aur Manvityavad	Sahitya Aur Manavata vad	Sahitya Aur Samaj Mein Manvity Samvedana:	International	2017	978-81-926634-9-4	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	Seema Prakashan Parbhani- 431401	64-73

					Vaishvik Sandharbh						
9	Dr. Purnanand Chari	Govapuri	Konkani Natak: Sangeet Prayojan Ani Avhana				2017			Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	74-85
10	Dr. Pramada Desai		Gomantakiya Marathi Kathavadmaya til Stri Pratima	Representation of Women in the Literature of Post 1980's	Representation of Women in the Literature of Post 1980's	National	2017			Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	86-92
11	Sudhir B. Halgevar, Anand Dodamani, Dr. Gopakumar, Bharati S. Tubachi & Padmavati S. Tubachi		Usage of Services In Google Drive By The Faculty And Research Scholars In Colleges of South Goa	Proceedings of Third Conference on Current Trends in Engineering, Science and Technology- ICCTEST-2017	Current Trends in Engineering, Science and Technology- ICCTEST-2017	International	2017	978-81-931119-5-6		Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	Grenze Scientific Society, Kesavadasapuram, Trivandrum 93-108

12	Mrs. Padmavati Tubachi and Bharati Tubachi		Application Of Chatbot Technology in LIS	Proceedings of Third Conference on Current Trends in Engineering, Science and Technology- ICCTEST-2017	Current Trends in Engineering, Science and Technology- ICCTEST-2017	International	2017	978-81-931119-5-6	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	Grenze Scientific Society, Kesavadasapuram, Trivandrum	109-120
13	Bharati Tubachi & Mrs. Padmavati Tubachi		What Is METS? How It is Useful in Organizing E-Resources	Proceedings of Third Conference on Current Trends in Engineering, Science and Technology- ICCTEST-2017	Current Trends in Engineering, Science and Technology- ICCTEST-2017	International	2017	978-81-931119-5-6	Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	Grenze Scientific Society, Kesavadasapuram, Trivandrum	121-133
14	Mrs. Padmavati Tubachi		Preservation Metadata: Implementation Strategy	Gearing up for the future: Library initiatives for digital India	62nd ILA Conference	International	2017		Shree Mallikarjun College of Arts & Commerce, Delem, Canacona - Goa	Indian Librar Association, Dr. Mukherjee Nagar, Delhi - 110009	134-151



**GENDER, ENVIRONMENT
AND
SUSTAINABLE DEVELOPMENT**

Dr. Sucheta Naik

**Gender, Environment
and Sustainable Development**

**Gender, Environment
and Sustainable Development**

Editor
Dr. Sucheta Naik

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FOREWORD

Society and Nature are inter-connected to one another. Men and women reside in the kingdom of nature and both interact. Nature has a great influence on human beings and human beings have the capacity to modify their surroundings positively or negatively. Any man-made modification in the environment can result in devastating effects and can also pose a danger to the mankind. Over the years it is observed that the dynamic equilibrium between man and nature is getting distressed.

Different people understand Development in different ways. Generally it is agreed that anything man does to foster and create a robust economy. In the past, men have tested many different options to develop. Some of the options ended in wars, others in economic slumps or economic depression. At this juncture, we can't afford to choose an inappropriate path for development. Hence, the best option available for the growth and development of mankind is sustainable development.

The Brundtland Report which is popularly known as "Our Common Future" defined sustainable development for the first time in 1987 as "development that meets the needs of the present, without compromising the ability of future generations to meet their own needs."

For a very longtime, especially in developing and under developed countries women were kept out of the ambit of development. According to the World Bank, "women play an essential role in the management of natural resources, including soil, water, forests and energy and often have a profound traditional and contemporary knowledge of the natural world around them"

The Third United Nations Women's Conference held at Nairobi in 1985 was one of the first global platforms that made clear cut relationship between sustainable development and women's involvement and empowerment as well as gender equality and equity.

GENDER, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

Dr. Sucheta Naik

Dr. Sucheta Naik, An eminent academicians with a vast experience of over two decades in teaching, learning and delivering extensive instructions to the students. She is dedicated to building a Positive Learning Environment and making our learners instilled the values.

Dr. Sucheta Naik is presently working as Associate Professor & Convener at Dr. J. K. Somaiya Institute of Shri Chhatrapati College of Arts & Commerce, Carzonna, (MS). She holds a Post Graduate Degree in Commerce from Goa University (1988), M. Phil from Goa University (1995), Ph. D. from Karmaveer University, Dharwad (2006) and a Bachelor degree in Education from Amravati University (1993).

Dr. Sucheta Naik has presented research papers at national and international Seminars and Conferences and published researched articles in ISSN Journals. She has edited a book entitled, 'Sustainable Development & Business Strategies' in 2015 and she is also the Editor of the Research Journal 'View Point'.

Apart from academic assignment, Dr. Sucheta Naik is committed to Community Development through National Service Scheme (NSS) as its Programme Officer since 2014. She is a Life Member of Indian Accounting Association and Indian Commerce Association.

With strong leadership qualities and articulate communication abilities, Dr. Sucheta Naik has organized many events including two successful National Conferences. Similarly, she has conducted many Trainings and Workshops for Students on Entrepreneurship Skills.

HDFC Bank, Carzonna recognized the excellent and dedicated service of Dr. Sucheta Naik with a TEACHER AWARD on the occasion of Teachers Day in 2014.

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Eco-Culture: An Ethos Amongst the Primeval Goans

*Domitel D'Souza**

The traditional people lived in tune with nature. They worked for the preservation, sustenance and perpetuation of the resources bestowed upon them by Mother Nature. They had gratitude towards the land which sustained them and considered it as their duty to sustain the natural resources. This attitude of gratitude and acknowledgement took the forms of various cultural and traditional practices which can still be seen amongst the tribal population as well as those who have managed to preserve and practice the age old traditions of the land.

This paper tries to deal with issues like land ownership, managing of land and water resources, conservation of forest, the agrarian practices, the various feast and festivals and its significance to the study of eco practice, their religious life, their attitude towards other forms of life like the animals and various related issues.

This paper further tries to expose the materialistic outlook of modern men v/s the sustenance and eco-cultural attitude and practice of the traditional Goan society.

The earliest inhabitants of Goa were the Kols and the Gonds. These settlers came to be called the Kunbis and the Gaudas (Phaldesai 2011 P. 145).

The defining feature of these settlers as they experienced the transition to the Neolithic age was a settled life of sedentary settlements in villages, the domestication of animals, the domestication of plants, manufacture of tools and pottery. During this period of human history

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Spatio Temporal Study of Scheduled Tribes and Sustainable Development in Goa 1971 -91-2011

*Dr. C. P. Hiremath**

ABSTRACT

Recent years have witnessed a growing concern among various regions or countries about the sustainable development. This concern is well pro founded in western countries that already have experienced the imbalance within their territories more than the developing countries. The social well being and economic prosperity of a region (to a large extent) depends upon the size, composition of its human population. The factors that influence the total population of a region include rural, urban, sex ratio, proportion of under privileged population (about 12%) to the total population, etc. have a greater significance on sustainable development of a region. In the present study an effort has been made to examine the process of sustainable development in the state of Goa in the light of human population and the characteristics of Scheduled Tribes in Goa 1971- 2011

The study area is small (3702 sq km) western region 14 53> 54>> -15 40> 00>> and 73 40> 33>> -74 20> 13>> state of India with an impression of literate, progressive, open society etc, too reveal some of the indigenous characteristics be it primary activities,

*Asso. Prof. In Geography Shree Mallikarjun College of Arts and Commerce Delem, Canacona-Goa.



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Sustainable Development of Women Through Petty and Micro Business Enterprises In Goa

Mrs. Kshama Desai*

ABSTRACT

This study examines the development of women through tiny and micro business enterprises in Goa. In modern India many women are taking entrepreneurial activities especially in petty and micro businesses apart from small and medium enterprises. It helps them to be economically independent. For this study, women involved in different tiny businesses such as Fruits & Vegetables, Omlet, Pav Vadas, coconut & coconut oil, Flower, Ready Made Garments, Sweets etc are considered. They not only become economically independent and socially developed but also try to help the nation by generating income as well as employment at their level.

Keywords: Development, Women, Challenges, Trading Activities.

INTRODUCTION

Mahatma Gandhi states that the position of women in the society is an index of its civilization. "Train a man and you train an individual, train a woman and you build a nation". Women in India, since time immemorial have formed an organic component of the working force of the country. They worked along with male members of the households

in sowing seeds, weeding, watering the fields, harvesting the crops, tending cattle, poultry keeping and so on. In addition to their normal domestic works as a housewife, they do all this additional work, but the quantification of these multiple roles and productive inputs in terms of work hours contributed has neither been attempted nor been recorded. Modern women are not confined themselves within the four walls of their house. They are more conscious of their own identity. Many women have confined themselves to petty and tiny cottage industries and other small business activities. They try to support their families through different trading activities. Due to several reasons they are willing to enter into these fields. These reasons can be classified as pull factors and push factors. Women in the rural areas and especially from low income groups enter in these field due to push factors. Economic participation of women is important as it reduces the poverty level of women and also raises their household income at the same time it creates wealth and economic development of the nation. The tiny and micro business activities are helping to strengthen the sustainable development of women and thus helps to remove the gender inequalities. In Goa state position of women is better as compared to other parts of the nation. But here also many women especially from low income group have entered into petty and small trading activities due to push factor as the cost of living in Goa is high. In order to improve their standard of living, to earn more money and for their sustainable development many women in Goa enter into the trading activities.

STATEMENT OF THE PROBLEM

Women shoulder a number of responsibilities but their work is unrecognized and also unpaid. They are not given decision making power. With the help of trading activities whether petty, small or big she can gain economic independence that further adds to her social and cultural status. This study tries to fill the gaps by identifying specific challenges faced by women and shade the light on the differentials that affect their performance.

OBJECTIVES OF THE STUDY

Following Objectives are set for the study

1. To study the socio economic profile of the respondents.
2. To analyze the reasons for entering into the business venture.



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Meditation: Stress Management and Sustainable Development

Karishma Parshetkar*

ABSTRACT

Life move at a fast pace. We live in a world where wealth is the key to survival and happiness. Today youngsters are paid higher pay packages but simultaneously burdened with huge workloads to be finished within a short time as a result they deals with mental stress and health issues. All these create a pressure on our mind and hence we face adversely in personal and professional live. Everyone wishes to become successful in all the spheres of life- to be successful individual, successful student, successful professional, successful son, successful husband etc. But there is no balance in all the spheres.

Meditation can help balance out your life. Meditation empowers the inner soul and acts like a tonic in strengthening our mental power of will and determination through the development of mind. Time and again the advantages of these ancient practices have been proved in numerous studies.

Through this paper attempt is made how meditation can bring sustainability through inner peace to cope up with the stress of day today life and maintain a balanced state. Inner peace that is like a rock against the problems we face in society-mental illness, violence that comes from society, social problems and frustrations

of human beings. The paper also attempts to explore practical result of meditation worldwide on those who have followed certain techniques of meditation into their life.

In present day meditation is must for everyone to make better work-life balance, to be mentally strong person and can create balanced and successful.

Keywords: stress, cost of stress, symptoms of stress, meditation, balance life, balance thoughts, sustainable living, self-peace, world peace

OBJECTIVES

- How stress affect sustainable living?
- Meditation as a technique of stress management can lead to balance person and sustainable development
- Discuss the present need and importance of balance, stress-free, healthy and happy individual for sustainable development.
- Discuss impact of meditation on meditators who are regularly following meditation in daily life worldwide.

METHODOLOGY

This paper is descriptive in nature and tries to highlight how stress and unbalance person affect sustainable development. How person can become balance, peaceful and satisfied by adopting regular meditation technique in their daily life and finally proved how worldwide in India as well as outside nation meditates impacted through meditation technique (special reference to samarpan meditation) and their views collected through literature, magazine, personal interview and their shared experiences on blogs and different media.

INTRODUCTION

Every individual wishes to be successful in the modern world. Each ordinary individual wishes to be a successful husband, wife, successful mother, father, a successful professional or a successful businessman. But we see that the individual does not have an integrated personality, he is successful only in one area because he is not able to maintain a balance in all areas of life. But it is necessary to develop a balanced personality



**GENDER, ENVIRONMENT
AND
SUSTAINABLE DEVELOPMENT**

Dr. Sucheta Naik

(45)

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United Nations: On Road to Sustainable Development

Dr. F. M. Nadaf*

ABSTRACT

The process of humanization of the earth began from a cave about 60000 years back and today humans live in the most sophisticated digital and smart cities. Wants, needs, desires, and requirements of ancient man were limited but the modern man is greedy, over ambitious, voracious and covetous.

Population of the world has increased manifold in the last few thousand years. When Jesus Christ was born, the total population of the then known World was about 300 million, whereas it has increased to 7325 million in 2015. Similarly, problems of the World have multiplied many times.

With the exception of some advanced civilizations, development in the past was highly unplanned. Human habitations such as villages, towns and cities just grew and they were highly unplanned.

The concept of urban planning began only during the industrial revolution due to wide spread urbanization. New planned townships with modern amenities started mushrooming in different parts of the World. Few developed countries started planning their developmental activities. In the beginning of 20th century, world came to a standstill due to two great world wars. Both the Wars resulted in deaths, destruction, hunger, poverty, sufferings etc.

Hence, in 1945, with the great efforts few international leaders United National Organization was formed.

In the last seven decades, UN has done a tremendous work in the field of Sustainable Development. Hence, this paper makes an attempt to study the contribution of United Nations in developing the world on sustainable lines.

Key Words: summit, development, sustainable, environment, degradation, declaration, agenda, progress

INTRODUCTION

In the last 4.6 billion years, our Earth has undergone many upheavals. Most of these upheavals were primarily caused by the nature and this was the time when man was not present on the Earth. The process of humanization of the earth began from a cave about 60000 years back whereas the recorded human history begins with the invention of writing skills. For a very long time, the old world was highly undeveloped. Industrial Revolution, during 18th century brought great changes in Europe and America. The rural agrarian societies transformed into industrial urban societies. Industrialization and Urbanization succeeded in bringing improved living conditions, employment opportunities, better medical and educational facilities etc to some people. A large section of the society was deprived of basic facilities.

In the History, 19th century will be always remembered because it was manifested by the fall of great empires such as Mughals in India, Roman, Spanish and Napoleonic in Europe and rising impact of British Empire, German Empire, Russian Empire, French colonial empire, Japanese Empire and United States of America.

20th century, the final century of the second millennium is very distinct. This century witnessed series of events like the Great War, Second World War, Liberation of Colonies, Nuclear Supremacy, Space Explorations, Cold War, Post-cold war crisis, advancement in science and technology, population explosion, hunger, poverty, climate change, global warming, ozone hole, loss of biodiversity, split of world as developed and under-developed and birth of Inter-governmental organizations such as League of Nations and United Nations Organization.

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Environmental Challenges, Biodiversity and Sustainable Development



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Environmental Challenges, Biodiversity and Sustainable Development

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Environmental Challenges, Biodiversity and Sustainable Development



Dr. Shyam S. Khinchi
Mrs. Meenu Tanwar



7

Geographical Analysis of Human Impact on The Western Ghats: A Goan Scenario

Dr. F. M. Nadaf

Introduction

India: the only country in the world after which an Ocean (Indian Ocean) and a Sub-continent (Indian Sub-continent) is named. India globally occupies an important position because of its physical and cultural diversity. India within its geographical limits has wettest place (Mawsynram), driest place (Jaisalmer), oldest rocks (gneiss and schist), youngest mountains (Himalayas), oldest mountain (Aravallis), evergreen forest, alpine forest, desert vegetation, coastal vegetation, mangroves, deciduous forest etc. Similarly, it is known for different religions, languages, cultures etc.

Geo-ecologically, Western Ghats is a vital geographic division of India. The Western Ghats, also known as the *Sahyadri Hills*, are well known for their rich and distinct biodiversity, which has earned the name as one of the world's ten "Hottest Biodiversity Hotspots".

1600 kms long Western Ghats with an area of 160,000 km² extend from River Tapi to Kanyakumari in the North and South respectively covering the states of Gujarat, Maharashtra, Goa, Karnataka, Tamil Nadu and Kerala (Figure 1).

Geographical extent of Western Ghats



Figure 1:

Goa- the land of golden beaches, temples, churches, sun, sand, fun and frolic is very widely known as the Kashi of Konkan and the Rome of East. Along the west coast of India, the Western Ghats, eco-geographically occupy a prominent place.

Of the total geographical area of the state i.e., 3702 km² about 600 km² (16.20 per cent of the total area) is covered by the Western Ghats. Nearly 60 per cent of the Western Ghats in

साहित्य और मानवतावाद

संपादक

डॉ. अनिल सिंह

रुफ़ इब्राहीम महंमद
सुजाता सुर्यकांत हजारे

भूमिका

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देखने को गि
लोग आकर्षित
वह है भारतीय
का भाव दृढ़ता

शरीर और
भारतीय संस्कृ
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अंतर्राष्ट्रीय मैत्री
कि विश्व में मान
सृजनात्मकता में
धारणा अंतर्राष्ट्रीय

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इक्कीसवीं सदी के कोंकणी नाटकों में मानवीय संवेदना

डॉ. पूर्णानंद च्यारी

सहायक प्राध्यापक, कोंकणी विभाग

श्री मल्लिकार्जुन कला और वाणिज्य महाविद्यालय, गोंवा

आधुनिक कालजगत के तेजप्रवाह में मनुष्य ने स्वयं को स्थित करने का प्रयास कर रहा है। उसने मछली की तरह सीख लिया है और पंखी की तरह उड़ान भरने की कोशिश कर रहा है। लेकिन क्या वह मनुष्य होकर मानवजाति की सभी संवेदनाओं और अनुभूतियों से वाकिफ हुआ है यह एक प्रश्न है। सामाजिक स्थिति से जब हम सरोकार रखते हैं तब अनर्गल अमानवीय कृत्यों, विषमताओं, धर्मभेदों, जातिभेदों से परिचित होकर हमारी साँस घुटती रहती है। मानवीय मूल्यों में आए परिवर्तनों को देखकर हमारी साँस घुट जाती है। लेकिन इसी कालप्रवाह में कुछ महानुभावों ने स्वयं को मानवसेवा के तहत अर्पित भी किया है इसके कई उदाहरण हैं।

मानवी और अमानवी प्रवृत्तियाँ समाज में एक चिरंतन सत्य है। कहा जाता है कि इसीलिए गमायण और महाभारत की कथा संपन्न हुई। यूरोप में एक नया इतिहास का निर्माण हुआ। मंडेला और हिटलर का निर्माण हुआ। महात्मा गांधी और ओसामा लादेन यह भी अस्तित्व में आए। मटर तेंदुआ का भी योगदान सर्वश्रेष्ठ माना गया। क्रिया के लिए प्रतिक्रिया वैसे ही मानवी और अमानवी द्वन्द्वनिर्मित हुए।

इक्कीसवीं सदीके प्रथम दशक के नाटकों का अध्ययन करने के बाद यह ध्यान में आ जाता है कि मानवतावादी तत्वों का विकास संघर्षों से निर्मित हुआ है। भरत नायक का 'शॉक ट्रीटमेंट' नाटक इसी श्रृंखला में आता है। नाटक की कथावस्तु कुछ इस प्रकार है : वैकुण्ठ समझदार और पामाणिक नौकर है जो इनाप्पा साहुकार के घर मजदूरी करता है। किसी की भी मदद करना माना की उसका स्वभाव है। मजदूरी के लिए किसी ने भी बुलाया तो तत्परता से दौड़ जाना उसका धर्म है। श्रम पर आस्था है और लगन के साथ वह काम में जुड़ जाता है। इनाप्पा साहुकार के घर पामाणिक मन से काम करते वक्त वह साहुकार पर पूरा भरोसा रखता है। वह गतदिन इनाप्पा के घर मेहनत करता है और इकट्ठे किए पैसों को इनाप्पा साहुकार के पास रखता है। वैकुण्ठ का इनाप्पा पर पूरा भरोसा है। वह इसलिए पैसों की वचत कर रहा है ताकि उन पैसों से वह बेटे विकास को डॉक्टर बना सके। उसे डॉक्टर बनाने के सपने में वह जी

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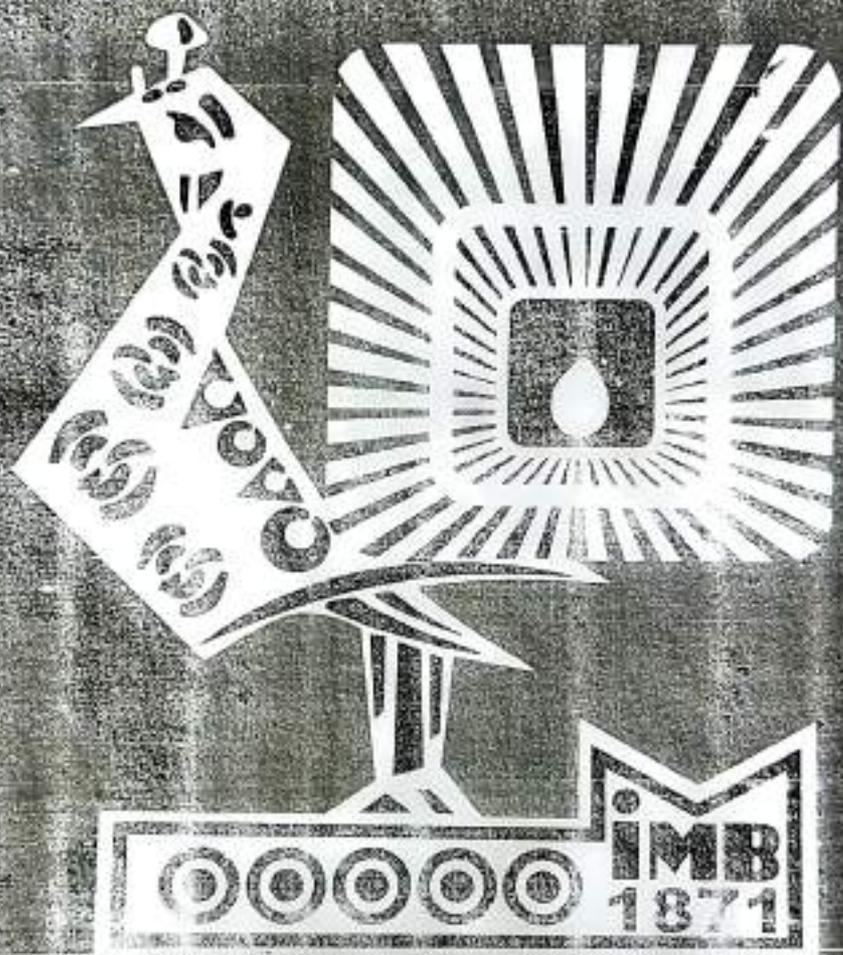
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January - March - 2017

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गोवापुरी



वसुधैव कुटुंबकम्

इंस्टिट्यूट ऑफ मिनेट्रीस बागांझा, पणजी - गोंय

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अनुक्रमणिका

संपादकीय डॉ. भूषण भावे 5

► कोंकणी

कोंकणी नाटक :

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कोंकणी विभाग, श्री मल्लिकार्जुन महाविद्यालय, कोणकोण

नाटक हो निखळ साहित्य प्रकार न्हय तर तो साबार घटकांक आस्पावपी एक कला प्रकार. नाटकाचें वाङ्मयीन आंग एक घटक म्हण अभ्यास जावचो त्या भायर हेर घटकांचोय विचार जावप गरजेचें. नाटकाचो लिखीत आराखडो प्रत्यक्ष प्रयोगाच्या दृक श्राव्य परिणामाकडेन जैतीवंत जाता कारण ती एक जिवंत कला देखून तांत्रिक आंगानूय नाटकाचो विचार जावप ताचेर संवाद घडप नाटय अभ्यासाक पोशक थरता. ते नदरेन ह्या परिसंवादांत तांत्रिक आंगाचेर भर दिवपी सत्र आस्पावलां तें पूरक आसा.

नाटयसंहिता उतरांनी तयार जाता पूण नाटयदर्शन हें उतरांभायर पूरक घटकांच्या आदारान जाता. भास बोली उतरांनी दिसता तशी देहबोलीय नाटकाक गरजेची आसता. नाटकाच्या दर एका आंगाक प्रगटीकरणाची आपली अशी

भास आसता ती नाटयभाशा नाटय आशयाकडेन प्रमाणीक रावपाचो यत्न करता. ह्या यत्नांत संगीत ह्या घटकाचो आस्पाव जाता. नाटकाची संहिता verbal आनी nonverbal अशा दोन आंगानी घडटा. verbal घटक शब्द घेवन येता आनी nonverbal घटक उतरांबगर परिणाम दिवपी माध्यमांचेर पातयेवन उरता तातूंत संगीत हो घटक येता.

रोमान इनगार्देन ह्या पॉलीश सौंदर्य मिमांसकान संहितेचे दोन वांटे केल्यात. पयलो वांटो मुखेल संहिता 'हाउप्ट टेक्स्ट' तर दुसरो वांटो गौण संहिता 'नेबेन टेक्स्ट'. गौण संहिता रंगमंचीय सुचोवण्यांनी भरिल्ली आसता. अशे तरेच्यो सुचोवण्यो पुर्विल्ल्या संस्कृत वा हेर नाटकांनी भोव उण्यो दिसतात. सॅमुअल बेकेट, ब्रेख्त, तेंडूलकर, आळेकर, गिरीश कर्नाड हांच्या बऱ्याचशा नाटकांनी तांचें प्रमाण दिसता. कोंकणीचे बाबतींत पुंडलीक

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Usage Of Services In Google Drive By The Faculty And Research Scholars In Colleges of South Goa

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Abstract— This paper attempt to bring the awareness and purpose of Google drive and the extent usage of the same in the research field as an useful Search Engine.

Index Terms— Google Drive, Search Engine

I. INTRODUCTION

Technology is reshaping the world of teaching/learning at an unimaginable speed. So such technologies must be utilized fully to meet the educational goals and objectives of the institute in a strategic way rather than following these technologies blindly.

Developments in the ICT have made profound changes in each and every field. These developments are also known as computer/information/communication/Internet/ multimedia revolution, binary age, information age, information society, information superhighway, and digital age. The changes are evident all over the world, and its effects being felt in every walk of life and in every field of knowledge. The field of library and Information science (LIS), the field teaching and learning and overall educational activities is not an exception to this phenomenon.

Today, majority of the faculties and research scholars are using computers and latest ICT tools and techniques for their day to day activities of research, classroom performance, sharing and carrying of information via electronic gadgets.

In such intense technical environment, only those academicians and researchers who are expert in using ICT can sustain. They will have the ability to deal effectively to a broad spectrum of contemporary challenges that focus on speed, accessibility, portability and prompt imparting of knowledge.

II. GOOGLE AND ITS SERVICES

One of the most popular and demanding search engine is "Google" in the present scenario, the same provides many tools which can be used effectively in higher education by faculties, research scholars, librarians etc. Google drive is among the one.

Google Drive, formerly Google Docs, is application software. It's a free service from Google that supports the storage of documents in varieties of formats. It allows users to store files in the cloud, share files, and edit documents, spreadsheets, and presentations with collaborators. Google Drive encompasses Google Docs, Sheets, and Slides, an office suite that permits collaborative editing of documents, spreadsheets,

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Application Of Chatbot Technology In LIS

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Abstract— This paper explains about the Application of ChatBot Technology in Library and Library Resources. Chatbots are used in applications such as Ecommerce, customer services, call centers and internet gaming. Chatbots are used as conversation agents with a specialized purpose. Information regarding library includes holdings, working hours, rules and regulations of the library, membership information, Facilities/services offered by the library. This service may through simple chat, extended chat or through video conferencing, Email, FAQs, Guided tours, Ask a Librarian, Web Forms and ChatBots. These digital references help the users to meet online.

Index Terms— Chat Bots, ICT, Webforms, Digital Libraries, Automation.

I. INTRODUCTION

An application of ICT is playing an important role in all walks of human life. Automation, Internet, WWW, Applications of Artificial Intelligence are some of them. In order to improve marketing many companies are trying to adopt new technologies like e-commerce. Creation of websites is one of the tools to give information about the company and their products. In order to make these websites more users friendly the companies are using Messaging Apps, web forms, FAQs and Chatbots. Since Messaging apps did only messaging and FAQs were prewritten and predicted question answer sets the techno companies tried to implement artificial intelligence in making the interactive apps. Chatbots are the result of it. Chatbot is a rudimentary form of artificial intelligence software that can converse with humans to answer questions. Combining pre set scripts and deep learning neural networks, bots can predict an accurate response to posed questions in a way that skips phases of conversation to mimic regular chat (Cragg, 2016). Chatterbots are virtual characters capable of engaging a human counterpart in a meaningful conversation, which are treated as interfaces to help systems.

II. HISTORY AND DEVELOPMENT

The term "chatterbot" was originally coined by Michael Mauldin in 1994 to describe the conversational programs.

- Eliza was the first Chatterbot written by Joseph Weizenbaum in 1966. It was programmed to act as a Rogerian Therapist, eliza operated by recognizing keywords or phrases in the input
- PARRY (www.chatbots.org/chatbot/parry) was another Chatterbot developed in 1972 by psychiatrist Kenneth Colby. It was originated as a research tool designated to simulate the thinking of a paranoid individual.
- Jabberwacky (www.jabberwacky.com)- It was written by Rollo Carpenter in 1988. It is an attempt to create a program that learns the program, retains all conversations and finds appropriate responses

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What Is METS? How It Is Useful In Organizing E-Resources

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Abstract— Metadata is core of any information retrieval and so its implication for any digital library is profound. The management of complex digital objects is a crucial task for libraries, archives and museums. The correct representation of the digital collection requires objects to be maintained along the whole life cycle. At the same time, in order to avoid confusion and redundancy adequate means are needed to link specific metadata to objects. The Metadata Encoding and Transmission Standard (METS) help to handle digital objects to one intellectual entity. Mets is one of the Data format or technical standards, which is often a manifestation of a particular data structure standard encoded or marked up for machine processing. METS helps to ensure the logical as well as the physical coherence of digital entities, supports subsets with special rules, supports the inclusion of hyperlinks, supports assignment of preservation methods, helps administrative metadata to organize the groups, helps in assigning me-tadata.

Index Terms— Metadata, METS, Digital Library, Digitization; Digital Resources, Digital Preservation.

I. INTRODUCTION

Digital library technologies are now well established and understood throughout the higher education community. The digital collection is either in the form of "Born digital" or "Digitization" of the Print Material. Internet has become the home for Digital resources production. With the advent of Web 2.0 technologies the digital collection has become more interactive concept with applications of blogs, wikis and folksonomies. Higher educational communities and special libraries which are engaged in Research are maintaining digital or institutional repositories as a vehicle for the dissemination of research output. Making use of such digital collection is dependent on the creation of Metadata. Metadata is nothing but "Data about data". It is like a Catalog. Though Metadata is core of any information retrieval and so its implication for any digital library is profound. The management of complex digital objects is a crucial task for libraries, archives and museums. The correct representation of the digital collection requires objects to be maintained along the whole life cycle. At the same time, in order to avoid confusion and redundancy adequate means are needed to link specific metadata to objects. The Metadata Encoding and Transmission Standard (METS) help to handle digital objects to one intellectual entity. Mets is one of the Data format or technical standards, which is often a manifestation of a particular data structure standard encoded or marked up for machine processing. The METS schema is a standard for encoding descriptive, administrative, and structural metadata regarding objects within a digital library expressed using the XML schema language of the World Web Consortium.

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RESERVATION METADATA: IMPLEMENTATION STRATEGY

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Abstract: The production of digital information sources in variety of formats has led to accelerated search for suitable methods for managing digital information sources. Metadata plays an important role in managing the digital information. His paper tries to give brief idea about PREMIS: Preservation Metadata Implementation Strategy

Keywords: Digital Library, Metadata, PREMIS

1. INTRODUCTION

There is tremendous increase in the production of digital form of information resources which exist in a wide variety of formats ranging from simple text to complex multimedia resource. Technological trends have resulted in creation, access and use and preservation of information resources in different forms. Growing shift from paper to digital content and continuous pace of developments in digital technology have opened up new opportunities and challenges which have resulted in growth, developments and research in digital library and digital archives around the world. This has led to accelerated search for suitable methods of managing digital information sources. Though main aim of managing digital information involves information discovery and use, there is also need for the preservation of digital object for the future use or as long it is in use. Metadata plays an important role in managing digital content. The role of metadata is to facilitate access to relevant information regardless of the type and location. Application

Systems academic libraries by installing this software can become more efficient and effective service providers of information in variety of Formats.

References

A user's guide to Calibre.ebook Manager-Make use of

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