



SIDDHINATH MAHAVIDYALAYA

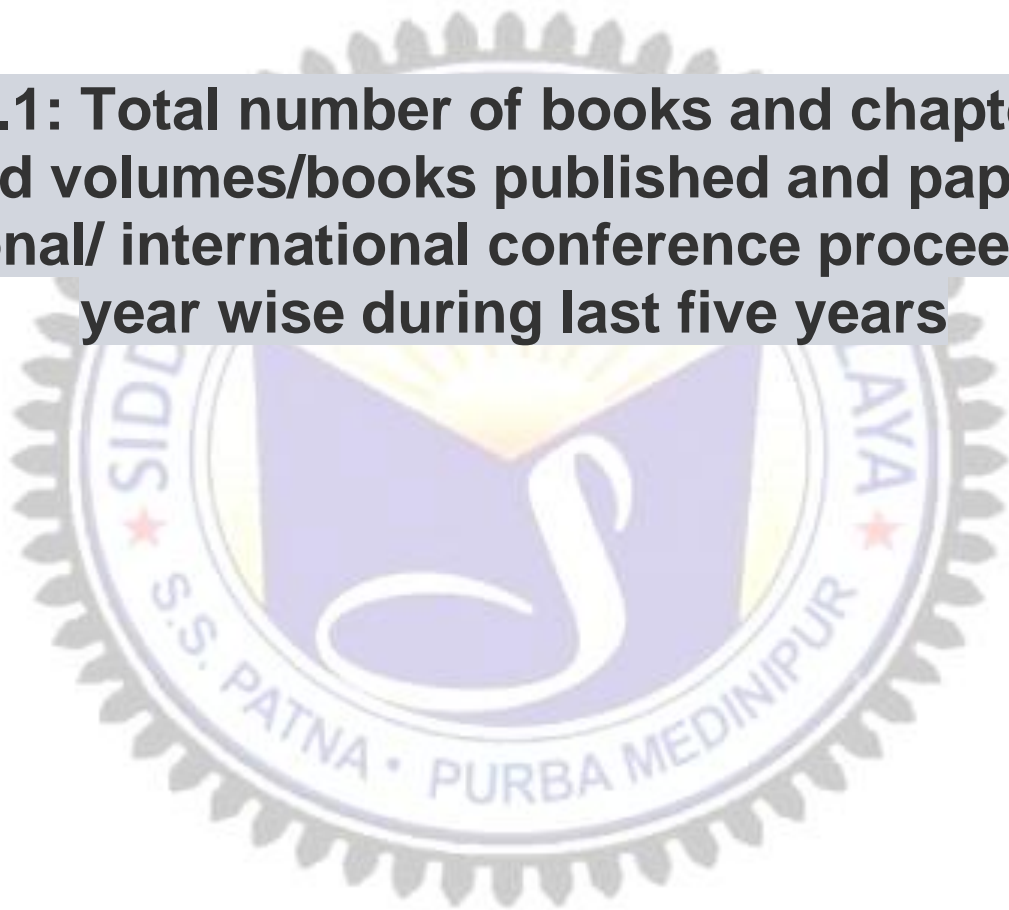
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New Modalities of NAAC Assessment: A way towards Human Resource Development

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Empowerment Of Rural Women Through Skill Development

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Abstract

Women empowerment is largely depend on three factors i.e. their economic, social & political identity .Women can be truly empowered only when all these three factors are made positively & compatible to each other. Again all these three factors are correlated with skill development. Raising awareness about the rights of women and building confidence in them – is our main objective. Skill development not only creates employment opportunities but also empowers them. Women have shown their ability in community development and can be a part of skill development. Currently, a majority of the female workforce in India is unskilled. They can be motivated to develop their life skills – that will give them high paying jobs with better livelihood & confidence to earn for their family leading to make them self-dependent. It is observed, that the concept of training and skill development needs to move beyond imparting technical and managerial skills, with more focus on literacy, numeracy, political & life skills. poverty can be eradicated by the skilled workforce. Skilled women can actively participate in Indian economy. It is a well-known fact that women entrepreneurship has been associated with women empowerment as well as increasing the quality of life and confidence level of women in the developing world. This study is tried to determine the impact of skill development on women empowerment. The



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ভগিনী নিবেদিতা আজকের সমাজ ও সমকালের প্রেক্ষিত

সম্পাদনা
ড. অভেদানন্দ পানিগ্রাহী

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অনুষ্ঠান

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সম্পাদকীয়

মানবসভ্যতার উদ্যোগে, পুণ্যভূমি ভারতবর্ষের পুণ্যলোক ঋষিরা মানবকল্যাণের জন্য বলেছেন :

“নায়মাঙ্গা প্রবচনেন লভ্যো

ন মেধয়া ন বহ্না ঋতেন।

যমেবৈষ বনুতে তেন লভ্য

স্তসৈন্য আত্মা বিবনুতে তনুং স্বাম্।

এই আত্মাকে বেদাধ্যয়ন, গ্রন্থপাঠ ও বহু শাস্ত্র দ্বারা জানা যায় না। তিনি যাকে বরণ করেন, তিনিই কেবল তাঁকে জানতে পারেন। কেবল তাঁরই নিকট তিনি স্বীয় স্বরূপ প্রকাশ করেন।

কিন্তু এই সুন্দর কথার ফাঁকে সাধারণের মাত্রাতিরিক্ত কৌতূহল অবসানের জন্য ঠিক তার পরের মন্ত্র বলতেই হয়।

“নায়মাঙ্গা বলহীনেন লভ্যো

ন চ প্রমাদান্তপসো ব্যাপ্যলিঙ্গাং

এতৈরুপায়ৈর্ব্যততে যন্ত বিদ্যাং

স্তসৈন্য আত্মা বিশতে ব্রহ্মধাম।

যিনি বলহীন, তিনি আত্মাকে লাভ করতে পারেন না। ভোগেচ্ছা ও বৃথা লক্ষ্যহীন তপস্যা দ্বারাও তাঁকে লাভ করা যায় না। কিন্তু যিনি স্বীয়, বিদ্যাবত্তা ও প্রকৃত তপস্যার পন্থা অবলম্বন করেন তিনি ব্রহ্মধামে প্রবেশ করেন।

স্বয়ং নিবেদিতা হলেন তাই। যিনি বীর্য নিষ্কামতা ও তপস্যার পন্থা। তাঁর তেজদীপ্ত জীবনের প্রতি রক্তে রক্তে এই তেজ বিচ্ছুরিত হতো। তাঁর তেজমূলে জীবনদর্শন প্রতিস্থাপিত। আর সেই জীবনদর্শনে যেন ভারতীয় সন্তার নতুন ধারা তৈরী হয়েছিল। তাঁর শক্তি আত্মবিশ্বাসের তত্ত্বে পাঁচটি স্বরূপ প্রকাশিত।

১। কর্ম—তিনি উপলব্ধি করেছেন কর্ম ছাড়া শক্তির পরিপূর্ণতা সম্ভব নয় আর এটিই শাস্ত্রত ধর্ম।

২। শক্তি—যিনি মুক্ত, তিনি আত্মজয়ী সেজন্য বিশ্বজয়ী। শক্তিস্বরূপা হিসাবে তিনি অনন্যা।

৩। ইচ্ছা—ইচ্ছা মানব আত্মার স্বরূপকে মূলীভূত করে কর্মে রূপান্তরিত করে। যদিও এখানে পরে এই কথাই বলা যায়, নিবেদিতা ভারতীয় ঋষিদের সঙ্গে সুর



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মার্গারেট এলিজাবেথ নোবেল : ভগিনী নিবেদিতার উত্তরণ

অনুশ্রী মাইতি দাস পাত্র

উত্তর আয়ারল্যান্ডের সুবিখ্যাত নোবেল পরিবারে এই মহীয়সীর জন্ম। পিতামহ রেভারেন্ড জন নোবেল স্থানীয় প্রোটেষ্ট্যান্ট ওয়েসলিয়াম চার্চের ধার্মযাজক হয়েও আয়ারল্যান্ডের মুক্তি সংগ্রামে সক্রিয় সহযোগিতা করে স্বদেশ প্রেমিক হিসাবে বিশেষ খ্যাতি অর্জন করেছিলেন। কিন্তু দুর্ভাগ্যের বিষয় তাঁর পত্নী মার্গারেট এলিজাবেথ নীলাস পঁয়ত্রিশ বৎসর বয়সেই এই ধর্মপ্রাণ তেজস্বী পতিকে হারালেন। এলিজাবেথের চতুর্থ সন্তান রিচমন্ড নোবেল বয়ঃপ্রাপ্ত হলে মেরী ইসাবেল নামক এক প্রতিবেশিনীর সঙ্গে পরিণয় সূত্রে আবদ্ধ হলেন। কিছুকাল পরে মেরী ইসাবেল অন্তঃসত্ত্বা হলে আকুল কণ্ঠে দেবতার উদ্দেশ্যে প্রার্থনা জানালেন, ‘প্রভু, যদি নিরাপদে আমার সন্তানের জন্ম হয়, তাহা হইলে তোমার চরণেই আমি তাহাকে সমর্পণ করিব।’ ১৮৬৭ সালের ২৮শে অক্টোবর সুপ্ত ধরণীর নিদ্রাভঙ্গ হওয়ার সঙ্গে সঙ্গে সন্তান ভূমিষ্ঠ হল। নবজাত শিশুর রূপ দর্শন করে মেরী অসহ্য প্রসব ব্যথা নিমেষে ভুলে গেলেন। দেবতার প্রতি কৃতজ্ঞতায় ও আনন্দে সজল চক্ষে মা শিশুকে দেবতার চরণে মনে মনে সঁপে দিলেন। স্যামুয়েল কন্যার স্নেহময়ী বৃদ্ধা পিতামহী মার্গারেট এলিজাবেথ নীলাস-এর সঙ্গে মিল দেখে নাম দিলেন মার্গারেট এলিজাবেথ নোবেল।

মার্গারেট ছিলেন অসাধারণ বুদ্ধিমতী। শৈশব পেরিয়ে কৈশোর আর যৌবনের সন্ধিক্ষণেই তাঁর প্রতিভার প্রকাশ। বুদ্ধিজীবী মহলে পরিচয় লাভ করেছিলেন তাঁর গভীর অধ্যয়ন, ধর্ম, বিজ্ঞান, শিক্ষা প্রভৃতি বিষয়ে আলোচনার সুবাদে। আর সেই সুবাদেই দার্শনিক বার্নাডশ, বৈজ্ঞানিক টি.এইচ.হাক্সলে ও কবি ইয়েটসের সঙ্গে মার্গারেটের গভীর অন্তরঙ্গতা তৈরী হয়েছে। সেই সঙ্গে রাজনীতির অন্যায় অবিচারের বিরুদ্ধে রুখে দাঁড়াতে যে সাহস ও দৃঢ়তার দরকার তা তিনি অর্জন করেছিলেন রাশিয়ার খ্যাতনামা বৈপ্লবিক নেতা প্রিন্স ক্রপটিনের লেখা পড়ে ও তাঁর ব্যক্তিগত সান্নিধ্যে এসে। নিজের দেশে এক খ্যাতি প্রতিপত্তি, প্রভাব সত্ত্বেও কেন মার্গারেট



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ভগিনী নিবেদিতা

আজকের সমাজ ও সমকালের প্রেক্ষিত

সম্পাদনা

ড. অভেদানন্দ পানিগ্রাহী

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Sister Nivedita : The Idol of Women Emancipation in India

Dr. Shyamasree Sur

The life of Sister Nivedita is a profile of devotion, dedication and courage – a tribute to humanity. Swami Vivekananda once said to Nivedita, "... you have the making in you of world-mover...". And Nivedita turned her world moving power to moving the deadly life of India, particularly in Bengal.

Sister Nivedita came to India in 1898 primarily to spread education among Indian women. She did a herculean task to uplift the Indian women. Among her several works for this nation, the most important job was to establish her own school in 1898 to train Indian women so that they could stand on their own feet. She made this unlucky country her own, gave her life-blood for its survival. She was one of the greatest interpreters of the ideals, culture, religions and customs and manners in India and played an extra-ordinary role in the re-awakening of Bengal and India in general at a crucial juncture of history. With a breadth of vision and depth of heart, Nivedita started a girls' school which flourished into a premier girls school. Inspired and influenced by the broad Vedantic Views of Swami Vivekananda, she decided to dedicate and devote her life to enlighten the suffering Indian women who were engrossed in the darkness of illiteracy.

This heroic self-sacrifice, the dauntless spirit, the unflinching faith and unextinguishing energy of Sister Nivedita will always be remembered in reverence.



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EXCELLENCE THROUGH

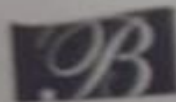
YOGA

A Psychosomatic Intervention

Edited By

Dr. Pradip Debnath

Assistant Professor, Department of Education
University of Gour Banga, Malda, West Bengal



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Chapter

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Journey from Bondage to Freedom through Yoga

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Our bondage is psychological and not physical. As the old saying goes, "Stone walls do not a prison make". A prison does not mean a building with walls, because even a house is a building with walls, but we do not call it a prison. However, we can call it a prison if our mind changes. From tomorrow onwards we can call it a prison, or we can call it a temple, a police station, or anything that we like, but it is the same building with the same walls, the same ceiling, etc. So bondage is not merely a physical association, but is also a psychological feeling, and ultimately it is a state of consciousness. Subjection to gunas means the subjection of consciousness to the operation of the gunas.

Our joys and sorrows are conditions of consciousness; they are not physical. It is not the body that is happy or sorry, but it is the mind, charged with consciousness, that undergoes these experiences. Liberation is a condition of consciousness and not a condition of physicality, materiality or any type of external association. Therefore, the ultimate freedom, which is moksha, being a state of consciousness, should be attained through a gradual ascension from greater states of subjection of consciousness, to lesser states of subjection of consciousness.

In the Samkhya, as well as in the Vedanta, we are told a lot about these gunas in their relation to consciousness. To bring about the ultimate purity and freedom of consciousness in spite of its



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Environmental Awareness in India: Prospects and Challenges

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Abstract

The Rig-Veda establishes the symbolism of this close kinship when it says: 'Heaven is my father; my mother is this vast earth, my close kin.' Taking forward this environmental tradition the Atharva-Veda contains the hymn - Bhumi Sukta – in praise of the earth and invokes a balance: upon the immutable, vast earth supported by the law, the universal mother of the plants, peaceful and kind, may we ever walk for ever.' The elaborate Vedic ritual of 'Athiratram' had, as its precise objective the generation of a positive impact on man and the environment and continues to be performed to this day with the same fervour and faith. Surapala's Vrikshāyurveda, for example, discusses in detail trees, tree planting and various other topics connected with plant-science including the treatment of sick-trees. Indian civilisation has been known as an 'eco-friendly' civilisation. In the past it did express a



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**Case Study Research
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Different Disciplines: General
and
Pedagogical Aspects**

Edited by:

Dr. Nita Mitra (Chanda)

Dr. Subhas Chandra Bhat

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CHAPTER
12

ROLE OF TEACHERS IN EDUCATIONAL MANAGEMENT: A CASE STUDY ON SIDDHINATH MAHAVIDYALAYA

Dr. Shyamasree Sur

Abstract

The word 'management' has multiple connotations. It is used as a noun, as a process and as an academic discipline. As a noun, it refers to those individuals who exercise leadership in an educational institution i.e., to managers, principals, directors, heads of the departments and so forth. As a process, it refers to planning, organizing, staffing, directing and controlling. As an academic discipline, it refers to a significant body of knowledge of concepts, theories and most importantly application in practice. From the ascertain above, the work was conducted to find out the role of teachers in educational management, based on a case study on Siddhinath Mahavidyalaya, West Bengal. 25 teachers (Full Time and S.A.C.T.) were selected for this purpose and were asked to fill up a questionnaire containing 22 statements based on 5 dimensions (Managing, Instructional Techniques and Strategies, Adherence to Curricular Objectives, Establishment and Maintenance of a Suitable Learning Environment, Professional Activities). Their opinions were analysed with the help of Item Wise Analysis and T-Test. The result shown that almost all the teachers who teach the undergraduate students are aware of their duties and responsibilities about their Role in Educational Management of the college and they have shown positive attitude and there is no difference in the attitude of the teachers towards educational administration on the basis of gender, age and strata.

Keywords: Educational Management, Teachers, Administration

Role of Teacher in Educational Management: A Case Study

Introduction

True teachers are those who use themselves as bridges over which they invite their students to cross; then, having facilitated their crossing, joyfully collapse, encouraging them to create their own - Nikos Kazantzakis

The field of management of education has grown tremendously as a discipline in India in recent years. Management of an Educational institution/class requires specific set of skills. In spite of the fact that they are more or less from the business management branch, they have to be applied in a different manner as an educational system requires sensitive skills concerning students and young generation as well as a wide range of academic activities concerning teachers. The word 'management' has multiple connotations. It is used as a noun, as a process and as an academic discipline. As a noun, it refers to those individuals who exercise leadership in an educational institution i.e., to managers, principals, directors, heads of the departments and so forth. As a process, it refers to planning, organizing, staffing, directing and controlling. As an academic discipline, it refers to a significant body of knowledge of concepts, theories and most importantly application in practice. From the ascertain above, the work was conducted to find out the role of teachers in educational management, based on a case study on Siddhinath Mahavidyalaya, West Bengal.

Review of Related Literature

- Peter Westwood (2004) revealed that Effective teaching to reduce educational failure. This research finding that how we can reduce limitation and we can do many effort for children to come in school.
- Chelo Moreno Rubio (2010) revealed that Effective teachers- Professional and personal skills. The selective research finding that become an effective teacher is not an easy work for this profession and personal skill should be good. An effective teacher is not an easy task. In fact, it is a complex process. It is not only concerned with success in short-term, but also with appropriate values and success of long-term achievement. Effective teachers need to have good professional and personal skills.
- Max Malikow (2005) on Effective Teacher Study revealed effective teacher as one who demonstrates extraordinary ability. His research finds that to adopt effective abilities we can make the students effective.
- S.K and Rani, R. (2000) established that Teacher effectiveness the selected research finding that it is a selective term. It consists



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Comparative Study between Secondary and Higher Secondary Students on Knowledge about Drugs and Substance Abuse and their Counselling

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Abstract

Use of tobacco, alcohol and other substances is a world wide problem and affects many children and adolescents. Early initiation of substance use is usually associated with a poor prognosis and a lifelong pattern of deceit and responsible behavior. The hope that simple information given through educational programs will be sufficient to prevent drug dependence is frequently expressed, however, there is no evidence to support it and there are many reasons to doubt it. Knowledge with regard to the consequences of substances use among adolescents enough to prevent them from initiating and continuing its use is a question that needs to be clarified further. Shaping the attitude of children and promotion of a healthy lifestyle, including constructive behavior is essential in the formative years of life. Therefore, keeping in focus the research question what is the level of knowledge and attitude held by the users with regard to the harm of substance use? – We have formulated the objective of our study, which is, to assess the knowledge regarding harm use of and obtain information about the attitude among high school students, and also to discover the opinion on substance use held by the users. The motto of the present discussion is to find out the difference of attitude of secondary and higher secondary students on the basis of their gender (Boys and Girls), strata (Rural and Urban) and class(X and XII) an evaluation of and to post a picture of the real demerits if this growing deadly practice among the high school students and teenagers almost all over the world. The researcher also tries to find out the techniques of counseling these drug user teenagers.

Key words: Higher Secondary Students, Knowledge, Drugs, Substance Abuse.



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VISION OF RABINDRANATH TAGORE ON CO-OPERATIVE SOCIETY AND COMMUNITY DEVELOPMENT

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The book analyses various dimensions of subalterns and subalternity as reflected in the writings of Indian English writers and critically investigates subordination, oppression, hegemony, cultural domination, assimilation and resistance as manifested in the literary discourses. The book explores the phenomenon of subalternity with broad perspective. The articles in this collected volume carefully attend to the diverse critical, historical, geographical and definitional parameters of subaltern thought. The in-depth analysis of literary texts makes it valuable for all readers.

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Reading through
Literary Texts

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14. Marginality in Indian Social System and its Reflection in Indian English Writings

Mr. Mrinmoy Mukherjee

Abstract: The concept of marginalization gives the way to know more about the marginalized people in the society. Marginalization means the act of treating someone or something as of lesser importance, influence or power. Marginalized people are those who are abandoned socially, politically and economically. They have no freedom to raise their voice in any sphere of the society. This despicable and unpitying concept of marginalization is present everywhere in the world. Indian social system is not exception to this. Women are the more marginalized beings in a male dominated society. How women are being oppressed ages after ages has beautifully been presented by many Indian writers. Most interestingly, many female writers have graphically presented the plight of Indian women. The present paper speaks about the marginalized state of many characters as delineated in Arundhati Roy's *The God of Small Things* and Manju Kapur's *Difficult Daughters*.

Keywords: Marginalization, freedom, oppressed, dominated society.

Introduction

A writer is a person who studies society carefully and presents it in the writings in such a way that it influences readers to think of the society. This is the power of a writer and literature is their best weapon



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MULTIDISCIPLINARY RESEARCH

VOLUME - 4

Sruthi S
Dr. Uttam Kumar, Sk Sahafur Hoque,
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20 TENNYSON'S ULYSSES: A CHARACTER OF HUNGER FOR KNOWLEDGE

Mr. Mrinmoy Mukherjee

Abstract:

Alfred Tennyson, a representative poet of Victorian age, presents the true spirit of the age in his poetry. According to Tennyson, the poet's duty is not to rejoice but to instruct the readers. Tennyson had certain philosophical thoughts which he had expressed in many of his poems. He believed in action even in the face of decay and death. He thought of following knowledge and higher values of life. Life is full of many activities. One of them is to acquire knowledge. The poet is of the view that it is impossible for one to gain the complete knowledge of the universe. But it is important to have the hunger of knowing the unknown. By presenting the character of Ulysses this present paper highlights the concept that 'art is long, life is short'.

Key words: Delight, knowledge, philosophical, spirit.

Introduction:

The poem "Ulysses" was composed in October, 1833 soon after Tennyson got the news of the sudden demise of his ingenious friend Arthur Hallam in Vienna. Hallam was engaged to Tennyson's sister Emily. Tennyson was of the view that:

"There is more about myself in Ulysses which was written under the sense of loss and all that had gone by, but that still life must be fought out to the end. It was more written with the feeling of this loss upon me than many poems In Memoriam (an elegiac tribute to Hallam)".

"Ulysses", first published in the second volume in Tennyson's "Poms" (1842), was greatly influenced by the poet's

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dejection for his near and dear friend Hallam. But the death did not touch the poet's mind. Rather he accepted the positive way and tried to welcome the struggle of life heartily.

Ulysses is the Latin name of Odysseus, the notable hero of Homer's celebrated epic "Odyssey". Tennyson quotes "Odyssey" and Dante's "The Divine Comedy" (Inferno XX) as his sources. Tennyson followed the concept of Ulysses' voyage in Inferno and formed his hero on Homer's. As W.W. Robson out:

"Tennyson's Ulysses is Homer's Odyssey felt by Dante, but the vibration of this poem of Tennyson is not due to a modern poet's response to the Renaissance. The emotion which it gives this dramatic expression is something personal to the poet, as a man alive in his time".

"Ulysses" is completely Tennyson's own creation. Though the character Ulysses is shaped upon Homer's creative idealism that Ulysses believes is no means Homeric thing.

Content:

At the very outset of the poem we have got the idea of Ulysses' mentality. He is the king of Ithaca. But according to him, being a king is not a man who only advises and orders to his countrymen. To be a king means to be great in doing endless activities. He does not want to spend time idly sitting with his wife by hearth. He does not want to be restricted in a boundary. He is least interested to be among the savage Ithacan people who think of life opposite to Ulysses. He always wishes to travel- to be engaged with active life. He is of the view that a life of indolence leads one to a meaningless life. But a movable life gains name, fame and honor in the case of Ulysses. Life can be meaningful only having movement. Ulysses' desire is to drink every moment of life to its heart's content. His name, fame and honor do not shrink his spirit knowing the unknown, seeing the unseen. Rather, it energizes his doubly his enterprise.



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Literature is the storehouse of human experience and knowledge. In modern times, its written forms perform a fundamental cultural role to reproduce and reflect upon the present, past and future. This is done imaginatively through its subject matter and formal strategies from time to time. It is generally believed to be a primary vehicle to disseminate, stabilize and popularize the experience and ideas of the most agile individuals of different countries. Literary forms change with historical transitions, but the essence of human and non-human Truth in its plural characters continues to affirm this mode of human creativity. The anthology *English Literature: Themes, Perspectives and Appropriations* comprises of twenty-eight research papers from engaged readers of literature — various faculty members and research scholars from different states of India. This anthology addresses a wide variety of themes and perspectives ranging from different classes, religions, races, communities and countries. The papers included here encompass novelists, poets, playwrights and short-story writers from all over the world. The themes related to caste, class, gender, patriarchy, diaspora, racism, post-colonialism, modernism, mutual relations, tensions, traumas, etc. have been given appropriate place and adequate space. It is hoped that this anthology will prove very beneficial to the research scholars, independent researchers, teachers, professors and all others who have keen interest to do research in Literatures in English.



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academic excellence keeps her spirit motivated to achieve and explore more.

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Subjugated State of Woman Characters in Vijay Tendulkar's Plays

Mrinmoy Mukherjee

Vijay Tendulkar is a powerful Marathi dramatist. He has shown his brilliance in the use of various themes and techniques. His major themes deal with man-woman relationships, alienation of the modern individuals and plight of women in male-dominated society. Vijay Tendulkar exhibits how women live in the society as deprived human beings. They are devoid of equal rights. Women are troubled, exploited, humiliated, victimised and marginalised. Tendulkar's plays are the medium to learn the facts of life in contemporary social environment. He aptly enunciates in *Collected Plays in Translation*, "As a social being I am against all exploitation and I passionately feel that all exploitation must end" (xliii). His plays depict that apart from man, woman has equal social status. They are not the subject of mental or physical torture. This paper is based upon two plays — *Silence! The Court is in Session* and *Kamala* — to present the subjugated status of women in the society. The women characters in these plays are emblem of power, patience and bravery to tackle with the male strength.

Vijay Tendulkar is a productive Indian playwright of Marathi language. He has shown his creativity in short stories, essays, screen and television writing, translated works, political journalism and social commentaries but he is well-known for his dramas. His passion for dramas and theatre makes us call up other great contemporary playwrights such as Badal Sircar, Mohan Rakesh and Girish Karnad. Vijay Tendulkar is the awardee of the Padma

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Bhushan Award, Sangeet Natak Akademi and Maharashtra State Government Award. He has written twenty four One Act plays, twenty-eight full length plays and eleven children dramas. The plays of Tendulkar project the real picture of the contemporary society in which women are treated as deprived human beings. They are deprived of human rights connected with life, freedom, equality, social respect and the individuality of women. In fact, the femininity has been buried deep by masculinity. Women are nothing but the silent listener controlled by men. They are mere subject of humiliation, ruthless torture and marginalisation. This paper is the screen that will display the suffering of women as subjugated social being and two plays of Vijay Tendulkar — *Silence! The Court is in Session* and *Kamala* — are to depict that.

In the play *Silence! The Court is in Session*, Vijay Tendulkar has presented the ill-fated state of Leela Benare who has been the subject of betrayal in the patriarchal society. It is impossible to change the conventional values and customs though they are not in favour of woman. In fact, what have been set beforehand in the male-dominated society are to serve the purpose of men. There is no place of feelings, sentiments and emotions of women. The most important thing is that the society does not amend any conventional norms that will hamper the status of men. In this play among Sukhatme, Balu Rokde, Gopal Ponkshe, Karnik Leela Benare is nothing but a helpless woman. They think her as a mere puppet to be controlled by them. Male-dominated society means men will be the superior to women though they are full of faults. Male-dominated society means men will be vocal and the women will be compelled to be silent. As in case of Leela Benare, who is suppressed to be vocal by the complaints of all male characters. By contrast with other characters of the dramatic group, Benare is shown very gay, cheerful, confident and witty. Other characters are pale and shadowy before the lively and good-humoured Benare. But Benare has no right to live according to her own will. Here lies the problem, the negativity of the male-dominated society that has been depicted beautifully by the dramatist.

By presenting the 'mock-trial' (the play within the play), Vijay Tendulkar gets the opportunity to present not only the mental state of all the male characters but also their way of treating a woman,



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Existence

I shall exit sometime and your role also will be over.
There will be no light,
sound and action if the stage breaks suddenly.
If it isn't, tomorrow a new day,
a new challenge and a new role.
The thought of success
or failure will book the room beforehand.
The gallery may forget your face
but your performance will be your identity.
Name and fame are but a camphor
if you don't perform honestly.
My dear, listen to me.
Don't make yourself marginalized in narrow lines.
Beyond it, great hands are to support you.
Don't look at the ground.
Look at the vast, limitless sky.
No boundary, no wall, no calculation,
no profit is there.
Marginalized trees also grow with a hope of greatness.
My dear, think no more because
so long there be a script,
There will be performance.
But many scripts don't reach the final sentence.

Mrinmoy Mukherjee

Not to Be A Job Buyer

At that juncture of hearty complexed labour,
Asking for a certain proved harbour;
Submit a petition to the realm-sucking lord;
Again, and again annulled but abhorred.
Silly! Fellow! Said they, with rebuffing look
Pair off clement eyes and few with crook.
The remorseful soul and bohemian carver;
Time's cheapjack with book, pencil, rubber,
Engraved no emotions; penning witty agony,
Without avail in the prefecture of tyranny.
Met the mop of meanie masquerade;
Wringed the brain in penny-wisdom shade.
Blasting boredom felt necessity crawled
Upon the bosom of the gremlins' world.
Conferred a message, the Maker's lawyer;
No need to be an incompetent job buyer.
Scribe the claim including viewed criteria,
Standardized study coins brand new pia.

Sipra Mondal



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‘ফসিল’ : মহাকাব্যিক অণুবিশ্ব

প্রত্যাষ কুমার জানা

‘মহৎ কবিতা শতবার ঘুরি বিচ্ছুরিত করি দেয় শত আলোকের ছুরি’—শুধু মহৎ কবিতা কেন, যে-কোনো মহৎ সৃষ্টি বহুকৌণিক দৃষ্টিভঙ্গিতে আলোচনার ক্ষেত্র প্রস্তুত রাখে। সুবোধ ঘোষ লিখিত দ্বিতীয় গল্প ‘ফসিল’-এর সে উপাদান আছে। সাম্যবাদী সমাজবিজ্ঞানের যে বলিষ্ঠ ভরসা সাহিত্যে প্রচারকার্য চালিয়ে এসেছিল, ‘ফসিল’-এ এসেই তা প্রথম শিল্প সার্থক রূপ লাভ করল। এখানেই প্রথম দেখা গেল সূক্ষ্মাতিসূক্ষ্ম মনস্তাত্ত্বিক বিশ্লেষণের পাশাপাশি সমাজবিজ্ঞান ও অর্থনৈতিক দৃষ্টিভঙ্গির উপর প্রতিষ্ঠিত মানুষের দুঃখ-চেতনা। এ গল্পে সামন্ততন্ত্র-ধনতন্ত্র-মধ্যবিত্ত এবং শোষিত-কৃষিজীবী, শ্রমজীবী মানুষের ন্যূনতম অধিকার সঙ্ঘাত প্রতিবাদীকণ্ঠ ও পরিণামী বিনষ্টি থেকে সমাজতত্ত্ব ও ইতিহাসের পাঠ নেওয়া সম্ভব। ‘ফসিল’ গল্পে যে এত বিচিত্র, গভীর বিষয় জায়গা পেয়েছে তা কি ছোটোগল্পের তাত্ত্বিক সংরূপকে অক্ষুণ্ণ রেখেই? আমরা ‘ফসিল’ গল্পের আলোচনার শিরোনাম করেছি—‘ফসিল : মহাকাব্যিক অণুবিশ্ব’। সংগত কারণেই আমাদের আলোচনার অভিমুখে দুটি বিষয় থাকবে—‘ফসিল’ গল্পের মহাকাব্যিক বিস্তার এবং ‘ফসিল’-এ ছোটোগল্পের তাত্ত্বিক সংরূপ কতখানি রক্ষিত হয়েছে ‘ফসিল’ গল্পের বিষয় গুরুগম্ভীর। ক্ষয়িষু সামন্ততন্ত্রের শেষ যুগ এবং ধনতন্ত্রের আত্ম-প্রতিষ্ঠার দ্বন্দ্বিকতার পটভূমিতে গল্পটি বিন্যস্ত। ‘ফসিল’ গল্পের প্রথম বাক্যেই তার প্রতিফলন—“নেটিভ স্টেট অঞ্জনগড়; আয়তন কাঁটায় কাঁটায় সাড়ে-আটঘটি বর্গ-মাইল। তবুও নেটিভ স্টেট, বাঘের বাচ্চা বাঘই।” সাড়ে আটঘটি বর্গ মাইলের অধিকারী ক্ষয়িষু সামন্ত-প্রভুর প্রতাপ বংশানুক্রমিক। তাই বাঘের বাচ্চা বাঘই—“দু-পুরুষ আগে এরা জ্যে বিশুদ্ধ শাস্ত্রীয় প্রথায় অপরাধীকে শুলে চড়ানো হত; এখন সেটা আর সম্ভব নয়। তার বদলে শুধু ন্যাংটো করে মৌমাছি লেলিয়ে দেওয়া হয়।”

সামন্ততন্ত্রে সামন্তপ্রভু আধুনিক মানুষ, মসৃণ শোষণে প্রতিবন্ধকতা সৃষ্টিকারীকে অনায়াসে শুলে চড়িয়ে দিতেন কেননা তিনি ধর্মপাল। ধর্ম রক্ষার ন্যায়দণ্ড তাঁর হাতে। অপরাধীর বিচার করার জন্য ‘ন্যায়াধীশ’ আছেন, আছে ‘বিশুদ্ধ শাস্ত্রীয় প্রথা’। মৃত্যু বা হত্যার দায় সামন্তপ্রভুর নয়। পূর্বপুরুষের মতো বিলীয়মান সামন্তপ্রভু শোষণ-প্রতিবন্ধক প্রজাকে হত্যার দায় থেকে নিজেই সমদূরত্বেই রাখেন—‘ন্যাংটো করে মৌমাছি লেলিয়ে দেওয়া-র’ মধ্যোই তার প্রতিফলন। শুধু তা-ই নয় এদেশে বেগিয়াদের আবির্ভাবের পূর্বে যে দু-জাতের আমলা



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Siddhinath Mahavidyalaya is extremely delighted with the manifesto of the publication of Shodhajyoti, an anthology of research papers from different disciplines of academia. This volume is the very first kind of research venture taken by the institution. The title denoting the meaning 'light of the research' expresses the prime object of publication: Illuminating the light of knowledge/consciousness (jnana) warding off the unconsciousness (ajnana). The invaluable contributions of erudite as well as potential researchers have flourished the saga of Shodhajyoti. Being a multi-disciplinary podium, it has churned variegated elements of research within it. It comprises thirteen research papers from the teachers of this institution. The holistic approach of this publication will decipher the new vistas of research and create an endless quest for Truth, the eternal knowledge.



Debanjan Maity has been teaching Sanskrit in the Department of Sanskrit, Siddhinath Mahavidyalaya, Purba Medinipur as an Assistant Professor since February, 2017. Previously he served Paltagarh Radharani Sikshamandir, Singur as an Assistant Teacher in Sanskrit (H/PG) for six long years. Now-a-days he is also associated with Department of Sanskrit, Jadavpur University as guest faculty for teaching Indian epigraphy.



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Evaluation of Seismicity around Barren Island Volcanic Region of Andaman and Nicobar Islands

Uma Ghosh

Abstract:

The spatial variation of *b*-value (of frequency-magnitude relation $\log N = a - bM$) of earthquakes, fractal dimension and energy release is mapped using gridding techniques in the Barren Island volcanic region, Andaman-Nicobar subduction zone. This volcanic Island stands in the midst of a volcanic belt on the edge of the Indian and Burmese tectonic plates and erupted recently on January 23, 2017. The Narcondam Island to the north is a dormant volcano; the Baratang mud volcano within the Andaman Island, on the other hand, got activated in 2003 and 2005.

In this study, some 2454 events $M_b \geq 4$ from the International Seismological Centre (ISC) catalogue, 1964-2014 have been selected. Although the *b*-value for whole region is estimated to be 0.94, The spatial variation of *b*-value as well as fractal dimension in the Barren volcanic area are higher than normal with lower energy release. The *b*-value cross-section map shows higher value beneath the volcanic regions at a depth of 50-60 km and higher fractal values at depth 80-100 km. Radiated energy is, however, much lower below the Barren and Baratang volcanic regions indicating higher stressed zone. Seismicity maps identify variable stressed zones, active faults and the zones of higher and lower energy release. The *b*-value and fractal dimension maps are comparable with these variable stressed zones and the active faults. The energy release map identifies the zones of higher and lower energy release indicating the zones of future probable large earthquake(s).

Keywords: Seismicity, volcano, *b*-value, Fractal dimension, Energy release.

Introduction:

The Andaman and Nicobar Island is one of the seismically most active subduction zone in the world and lie in zone V. The area has witnessed several large earthquakes in the past. These include $M 6.8$ in 1967, $M_w 6.2$ in 1982, $M_w 6.5$ in 2002 (Dislipur), the great Sumatra – Andaman earthquake of $M_w 9.1$ in 2004, $M_w 7.3$ in 2005, $M_w 6.3$ in 2006, two earthquakes of $M_w 6.1$ in 2007 and many aftershocks (<http://asc-india.org>). The Andaman and Nicobar Islands including the only volcanoes in India - Barren Island Volcano which has erupted in recent times and the other Narcondam (which is dormant), are located near the boundary of the Indian plate and the Burmese Microplate. The Andaman Trench marks this boundary and lies in the Bay of Bengal to the west of the archipelago. Another prominent feature is the north-south West Andaman fault which is strike-slip in nature and lies in the



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Concept of Sustainable Development and Environmental Awareness in Early India:

Reflections in the Select Prakrit and Sanskrit India

Debanjan Maity

Abstract: With the rapid growth of technology and urban culture the earth has been experiencing many natural hazards, wars, conflicts, famines, epidemics etc. For the past few years, the policy-makers are thinking to restore the environment, economy and health system with the policies of sustainable development. The concept of sustainable development and environmental awareness becomes an indispensable part of modern socio-environmental study. The embryo of this modern concept is found hidden in literary tradition of ancient times. Inscriptional literature of early India is such a tool which minutely represents the concept of sustainable development and environmental awareness in early India. This project is an attempt to analyse the concept of sustainable development and its goals like environmental awareness, food-security, poverty, employment, infrastructure development water management in the light of select Prakrit and Sanskrit inscriptions within the time bracket of 3rd century BCE to 6th century CE.

Keywords: Sustainable development, environmental awareness, inscriptions, food security, infrastructure

1.0. From the dawn of civilization, Mother Earth with her children has been experiencing many a natural hazard like flood, excessive rain, drought, volcanic eruption, famine, epidemics and the like. Even the 21st century world, though equipped with advanced technology, is being adversely affected by natural conditions like the climate emergency, deforestation, desertification, greenhouse effect induced by the human activities etcetera and man-made ones like frequent occurrence of war, change of life style and culture etcetera. (Maity, 2020, p. 8). In 2020, the lethal virus Novel Corona Virus has literally tagged a question mark on the existence of human race. The history memorises effect of contagious diseases like Bubonic Plague, Spanish Flu, Cholera, Small Pox etcetera in past or outbreak of H5N1 influenza, SARS- CoV, Avian Influenza, Ebola etc. ("Deadly Diseases: Epidemics throughout History", 2020). Socio-economic maladies, unplanned and unchecked urbanization, misallocations of resources, problems of land tenure, high birth-rate, cultural variations, weakness in policy mechanism, lack of awareness etc. and lack of economic opportunities are causative factors for degradation of both environmental and social structure (Dasgupta, 2007, p. 7).

1.1. In remote past, consciously or unconsciously man became the friend and protector of nature. The symbiosis of nature and man accelerated the progress of civilization. But with the flow of time, he exploited the environment for achieving more resources as well as power. In recent years, man



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Re-Reading Dr. Sarvapalli Radhakrishnan: The Need of the Hour

Shyamasree Sur

Abstract

"The true teachers help us to think for ourselves in the new situations which arise. We would be unworthy disciples if we do not question and criticize them. Then try to widen our knowledge and help us to see clearly. The true teacher is like Krishna in Bhagavadgita, who advises Arjuna to think for himself and do as he chooses yatha icchasi tatha kuru" -----Dr. S. Radhakrishnan

The life, vision and actions of Dr. Sarvapalli Radhakrishnan clearly proves that he is a 'Great Teacher : The Teacher of Teachers'. Born and brought up in a country with religious atmosphere he made the unseen a visible reality. This great philosopher, thinker and knower of Eastern Philosophy, Religion and Wisdom raised the status of India in the Community of Nations. His Indian thought and wisdom not only imprinted in India but also in Europe, U.S.A., U.S.S.R., Germany and even in U.N.O. He is idol of a common man in Indian Society starting from grassroots but reaching to the highest peak in the society. He is the motivating force to every Indian citizen more particularly to the teachers at all levels. In my paper I tried to pay homage to Dr. S. Radhakrishnan by discussing his actions as teacher, as a philosopher, as a Diplomat / Politician and his awards.

Key Words : Philosopher, Life, Vision, Action

Introduction :

"Among the philosophers of our time, no one achieved so much in so many fields as Sarvapalli Radhakrishnan in India... William James was influential in religion, and John Dewey has been a force in politics. One or two American philosophers have been legislators. Jacques Martain has been an ambassador. Radhakrishnan, in a little more than thirty years of work, has done all these things and more..... Never in the history of philosophy has there been quite such a world-figure with his unique appointment at Banaras and Oxford, like a weaver's shuttle, he has gone to and fro between the East and West, carrying a thread of understanding, weaving it into the fabric of civilization."

George P. Conger

Sarpapalli Radhakrishnan (5 September, 1888-17 April, 1975) was an Indian philosopher and statesman who was the first Vice-President of India (1952-1962) and the Second President of India from 1962 to 1967.
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Different Components of Library Catalogue and Retrieving Technique

Sudipta Pradhan

Introduction:

A library catalogue is an essential tool for any library. This tool has been developed to facilitate the use of reading materials in a library. It is useful to both, the readers using the library and the library staff members who help the readers to use the library.

A library catalogue is a list of books and other reading materials available in a particular library. It discloses to the reader the contents of a library collection. Whereas, cataloging is a technique of describing the documents to help the reader to identify the document in which he is interested. Library catalogues originated as manuscript lists, arranged by format (folio, quarto, etc.) or in a rough alphabetical arrangement by author. Printed catalogs, sometimes called dictionary catalogs, enabled scholars outside the library to understand its contents. This would sometimes be interleaved with blank leaves on which additions could be recorded. They can be bound as guidebooks in which slips of paper are bound for new entries. Slips could also be kept loose in cardboard or tin boxes, or stored on shelves. The first card catalog appeared in the nineteenth century, enabling much more flexibility, and towards the end of the twentieth century the OPAC (Online Public Access Catalogue) was developed. With the introduction of modern technologies, users can search for information via OPAC and, more recently, through the Internet.

A library catalogue, thus, lists documents forming the total holdings or a part of the holdings of a library. The use of the resources of a library depends to a large degree on the quality of its catalogue. Therefore, it is essential that the catalogue should be prepared with care and it should be maintained up-to-date. It helps the users to use the library effectively and efficiently. In other words, a library catalogue is a record of the holdings of a library. To meet the requirements of users, it consists of various unit records. These records are called entries. Each entry is designed for satisfying a particular approach of a user.

A modern library provides several facilities to its readers for making use of its collection. One such facility is the catalogue of the library which facilitates the readers to know what documents the library has, where they are located on library shelves, and how to access them.



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Long to short-term Shoreline Dynamics (1992-2022) of the parts of Andhra Pradesh Coast

Abu Kalam Alberuni

1. Introduction:

Climate change is a global issue in the present scenario that is enormously affecting the whole world, especially in the coastal region (Bera et al., 2022a). The coastal regions faced most of the climatic hazards. The frequency of extreme climatic events in the coastal region is on the rise, like severe cyclonic storms, floods, increasing intensity of storm surges and rising sea levels (Bera et al., 2022, Gargiulo et al., 2020). The result of climate change directly increases the sea level rise, frequency and intensity of cyclones which affected land use land cover, increased coastal erosion and over wash vulnerability (Bera et al., 2022b; C. Donnelly et al., 2006a).

The shoreline changes have been short-term and long-term due to various coastal processes like a wave, currents, tidal action and sea level rise (Mondal et al., 2017). Nowadays coastal erosion major threat to the environment (Hossain et al., 2022) the erosion of the shoreline harms the livelihoods of the coastal population (Mukhopadhyay et al., 2012). In recent times due to technological advancement, the extraction and delineation of shorelines and coastal land forms have been done easily and also reduced uncertainty (Mishra et al., 2019). The study (Gopinath & Seralathan, 2005) was done in the period between 1967-1999 on Part of Andhra Pradesh Coast using toposheet and satellite-based imagery. The study reveals that a total of 29.8 km² eroded between 1967-1999 and the accreted area has been 6.03 km². In the period 1996-1998, the eroded area was 13.64% and the accretion rate was 0.48 km² but the eroded area decreases in the period 1998-1999 that is 3.26 Km² and the erosion rate was 5.47 km²/year during the period 19996-1999. Another study by (Nandi et al., 2016) used DSAS tools and presented long-term and short-term changes in shoreline using EPR and LR in Sagar Island. It was investigated that the erosion rate was -7.91 m/y from 1975 to 2002 and -7.01 m/y during the period 2002-2011. The study found that the southern part of Part of Andhra Pradesh Coast was highly vulnerable due to the high rate of erosion in the shoreline. A similar type of study was found on Part of Andhra Pradesh Coast (Mondal et al., 2020) analysed shoreline shifting from 1975 to 2015, Landsat multispectral image and DSAs tool have been used for the detection of shoreline and shoreline change analysis. EPR and weightage LR method used for short-term and long-term analysis. It was observed that result of the LR method the highest erosion was found at -23.15 m/y in the southwestern part during the period 1975-2015 and the highest erosional rate according to the EPR method was -20.36 m/y.



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কালিদাসের কাব্য মঙ্গলাচরণ

কৃষ্ণপদ পাল

সারসংক্ষেপ:

জনমানসে একটি প্রথা আবহমানকাল ধরে প্রচলিত হয়ে আসছে- শুভকর্মে শুভফলপ্রাপ্তি। অর্থাৎ কোন কার্যারম্ভের পূর্বে শুভমঙ্গলানুষ্ঠান অবশ্যই কর্তব্য। সেটা গৃহনির্মানই হোক বা কোন যাত্রাপথে গমনই হোক। সেই ধারাকে অঙ্কুর রেখে সাহিত্যের নন্দনবননে মহাকবি কালিদাস তাঁর প্রতিটি কাব্যসৃষ্টির প্রারম্ভে ইষ্টদেবতাকে অরণ্যপূর্বক মঙ্গলাচরণ শ্লোক নিবন্ধ করেছেন। যার উদ্দেশ্য সুষ্ঠুভাবে কার্যের পরিসমাপ্তি ঘটানো। এই মঙ্গলাচরণ ভারতীয় সংস্কৃতির ঐতিহ্যমণ্ডিত শিষ্টাচার।

নাট্যশাস্ত্র, অষ্টাধ্যায়ী, মহাভাষ্য, কাব্যপ্রকাশ, ধ্বন্যালোক, রসগঙ্গাধর, তর্কসংগ্রহ, তর্কভাষ্য, অর্থসংগ্রহ প্রভৃতি আদি অনেক গ্রন্থে এবং আধুনিক কবিদের গ্রন্থেও মঙ্গলাচরণ প্রতিফলিত হয়েছে। মঙ্গলাচরণের এক ঐশ্বরিক শক্তি বোধ হয় কবিদের চিন্তন শক্তিকে এক অন্যমাত্রা প্রদান করে তা বলাবাহুল্য। প্রায় প্রত্যেক কবিই মঙ্গলাচরণের সান্নিধ্যে তাদের কাব্যকে সুষ্ঠুভাবে পরিসমাপ্তি করেছেন।

মহাকবি কালিদাসও তাঁর কাব্য-নাটকগুলিতে ইষ্টদেবতাকে অরণ্য করে কাব্য রচনার পরিসমাপ্তি করেছেন। এই শোধপত্রে আমি মহাকবি কালিদাস, তাঁর গ্রন্থে কোন ইষ্টদেবতাকে অরণ্য পূর্বক তাঁর মঙ্গলাচরণ করেছেন এবং সেই মঙ্গলাচরণের মাধ্যমে তিনি কাব্যবিষয়ে কি ইঙ্গিত দিয়েছেন বা তিনি কোন ধরণের মঙ্গলাচরণ বেশি ব্যবহার করেছেন; সেই বিষয়ে সংক্ষেপে আলোচনা করার চেষ্টা করব।

শব্দসংকেত: মঙ্গলাচরণ, ইষ্টদেবতা, অলংকার, বস্তুনির্দেশাত্মক, নৈয়াজিক, জ্ঞানপিপাসু

ভূমিকা:- সংস্কৃত সাহিত্যের রীতি অনুযায়ী অভিনয়ের পূর্বে যথেষ্ট বিঘ্ননাশের জন্য দেবতাদের স্তুতি পাঠের নির্দেশ আছে। এই অংশকে 'পূর্বরস' বলা হয়। পূর্বরসের মধ্যে 'নান্দী' অন্যতম। সাহিত্যদর্পণকার বিশ্বনাথের মতে-

‘ঘনাত্যবস্তনঃ পূর্বং রসবিন্মোপশান্তয়ে।

কুশীলবাঃ প্রকুবন্তি পূর্বরস স উচ্যতে।।

প্রত্যাহারাদিকান্যসান্যস্য ভুয়াংসি যদ্যপি।

তথাপ্যবশ্যং কর্তব্য নান্দী বিন্মোপশান্তয়ে।।’



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Santal Marriage System in India: A Sociological Analysis

Debabrata Kabi

One of the most significant social institutions is marriage. It is a way of creating a family through which society can continue to exist. Trust, affection, flexibility, and sharing of tasks equally at every stage of life are prerequisites for a happy marriage. Marriage is one of the most important life-cycle ceremonies in India and is expected of Hindus by their families and society. Rituals and symbols are used to express the social process. Every community uses specific types of symbolic behaviours and physical cues to convey the ideals, standards, and ethos around matrimony and family life. As an illustration, the Santal, one of the Indian tribes that are the most colourful and brilliant, have a distinctive culture all their own. A significant component of India's cultural diversity is the Santal culture. Their lifestyle is distinctive, as seen by their traditions, rituals, language, eating and dressing preferences. This study was motivated by the unavailability of studies on Santal marriage systems. The Santal marriage system, including the bride price, laws, and limits, is the main subject of this essay. The finding shows that the majority are now following the traditional tribal marriage systems.

Keywords: Marriage, Society, rituals, Scheduled Tribe.

Introduction:

An agreement that allows people to live together and work together in an organised social life and institutionalised connection is marriage as a social institution. Essentially, the social structure has been changed. It is a stage in a continuous social process that is governed by tradition, which is an institutionalised method of handling such an occurrence. If the husband moves in with his in-laws in a matrilineal society, the modification or partial breakup of the bride's relationships with her immediate family is least noticeable or felt. But it is most marked if the bride leaves her family and goes to live with her husband and his family in a patrilineal society. Her absence makes her own family suffer a loss. But it would be wrong to interpret the same as economic loss. It is the loss of a person in the family, and it is a breach of family solidarity.

Prof. Radcliff Brown (1960) says, "Customs of this kind are the ritual or symbolic expression of the recognition that marriage entails the breaking of the solidarity that unites a woman to the family in which she has been born and grown up". In reality, these traditions might be seen as signs of acknowledgement of the structural transformation that marriage has brought about. In some tribes, the issue of bride price prevalence is crucial to the marriage process. When the boy's party pays the

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A Study on Attitude of Higher Secondary School Students towards the Use of ICT in Rural and Urban areas of Purba Medinipur District (WB)

Debasis Sasmal

Abstract:

Information and communication technologies (ICT) is defined as a diverse set of technological tools and resources used to transmit, store, create, share or exchange information. These technological tools and resources include computers, the Internet (websites, blogs and emails), live broadcasting technologies (radio, television and webcasting), recorded broadcasting technologies (podcasting, audio and video players, and storage devices) and telephony (fixed or mobile, satellite, visio/video-conferencing, etc.). Information and communication technology (ICT) in the form of Digital Education can improve rural and urban areas school students' interest. The present study deals with the use of ICT in rural and urban schools. The study was conducted with higher secondary schools with ICT facilities in Medinipur Town and Rural areas adjacent to Medinipur city of Purba Medinipur District. The study found many opportunities for ICT access with existing resources if it is properly used and utilized.

Keyword: Attitude, ICT, Higher Secondary, Computer, Internet

Introduction:

Today's age is technology dependent, whether we like it or not technology is so much involved in our lifestyle. Today we cannot move without technology. Technology has radically changed the quality of our daily lives. Education, health, transport, trade, industry, film etc. have all become dependent on technology. As technology is a blessing to us today, one of the most important aspects of technology is information and communication technology (ICT). With the use of information and communication technology today, education has become more interesting and enjoyable.

Attitude is a psychological construct that is a mental and emotional entity that inheres or characterizes a person, their attitude to approach to something, or their personal view on it. Attitude involves their mindset, outlook and feelings. Attitudes are complex and are an acquired state through life experience. Attitude has been defined in a variety of ways by various thinkers. According to Allport (1935), "Attitude is a mental and neural state of readiness, organized through experience, exerting a directive or dynamic influence upon the individual's response to all objects and situations with which it is related". Fishbein and Ajzen (1980) described attitude as a, "predisposition to act towards objects in a consistently

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Enhancing Transportation Systems with Fuzzy Logic: A Comprehensive Analysis

Jahedul Mollick

Abstract:

Fuzzy logic has emerged as a promising tool for addressing the complexities and uncertainties inherent in transportation systems. This comprehensive analysis explores the application of fuzzy logic in enhancing various aspects of transportation, including route optimization, traffic management, vehicle control systems, and decision-making processes. By incorporating fuzzy logic techniques, transportation systems can adaptively respond to dynamic and uncertain conditions, leading to improved efficiency, safety, and sustainability. This paper reviews the theoretical foundations of fuzzy logic and examines its practical implementations in transportation, highlighting case studies and real-world applications. Furthermore, it discusses the challenges and opportunities associated with the integration of fuzzy logic into transportation systems and identifies areas for future research and development. Overall, this analysis provides valuable insights into the potential of fuzzy logic to revolutionize the way transportation systems are designed, operated, and managed in the modern era.

Keyword: Fuzzy logic, Transportation systems, Optimization, Traffic management, Decision-making, Uncertainty, Adaptability, Efficiency, Sustainability

1.Introduction:

Transportation systems play a pivotal role in modern society, facilitating the movement of people and goods and supporting economic activities. However, managing and optimizing these systems pose significant challenges due to their inherent complexities and uncertainties. Traditional approaches to transportation planning and operation often struggle to cope with dynamic conditions, leading to inefficiencies, congestion, and safety concerns. In recent years, fuzzy logic has emerged as a powerful tool for addressing these challenges by providing a flexible framework for dealing with imprecise and uncertain information.

Fuzzy logic, a branch of artificial intelligence inspired by human reasoning processes, offers a way to model and reason with vague or ambiguous data. Unlike classical logic, which operates in binary terms of true or false, fuzzy logic allows for degrees of truth, enabling more nuanced decision-making in uncertain environments. This characteristic makes fuzzy logic particularly well-suited for applications in transportation, where variables such as traffic flow, road conditions, and driver behaviour are often inherently fuzzy.



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জড়বাদী নৈতিকতার একটি দার্শনিক মূল্যায়ন

পলাশ ভূঞা

বীজ শব্দ : কর্মনীতি, নৈতিক, ঋত, কর্মবাদ, কর্মযোগ, পুরুষার্থ, জড়বাদ, সুখবাদ, অসংযত সুখবাদ, সংযত সুখবাদ

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সমাজবদ্ধ জীব হিসাবে মানুষ তার সমগ্র জীবদ্দশাতে কর্মনীতির(Law of Karma) দ্বারা নিয়ন্ত্রিত। 'কর্মনীতি' বলতে সাধারণভাবে বোঝায় কর্মপন্থা, কর্মপদ্ধতি বা কর্মকৌশল। মানুষ সামাজিক জীব হওয়ার সঙ্গে বুদ্ধিবৃত্তি সম্পন্ন হওয়ায় 'কর্মনীতি' একটি অত্যন্ত গুরুত্বপূর্ণ বিষয়। কারন – "বুদ্ধিবৃত্তি সম্পন্ন মানুষের কাছে জীবন শুধু ধারণ করার জন্য নয়, জীবনকে গঠন করতে হয়। জীবনকে গঠন করার জন্য একটি আদর্শের প্রয়োজন হয় যা 'নৈতিক'।^১ 'নৈতিক'(Moral) শব্দটি একপ্রকার মূল্যবোধক শব্দ, যা আমাদের সমস্তপ্রকার কর্মের মূল্য নির্ধারণ করে। অর্থাৎ 'নৈতিক' (Moral) হল – মানুষের নয়-অন্যায়, ঠিক-ভুল, উচিত-অনুচিত বিষয়ক আলোচনা। বিশ্ব-ব্রহ্মান্তের একটি ক্ষুদ্রতম অংশ হিসাবে এই নিয়মপালন করতে হবে। কারন এই সৌরজগৎ ও তারও বাইরে বিস্তৃত যে মহাবিশ্ব রয়েছে তা একটি সার্বজনীন নৈতিক নিয়মের দ্বারা পরিচালিত, তার নাম হল 'ঋত'(the cosmic and moral order of universe)। প্রসঙ্গত উল্লেখ্য যে, 'বৈদিক সাহিত্যে যে নীতির দ্বারা সমগ্র বিশ্বজগৎ পরিচালিত বলে কল্পনা করা হয়েছে সেই নীতি বা নিয়মকে ঋত বলা হয়। সমগ্র বিশ্ব, তার সৌরমন্ডল, দিবা-রাত্রির পরিক্রমা, ঋতু পরিবর্তন- এই সমস্তই ঋতের দ্বারা শৃঙ্খলাবদ্ধ।^২ ঋকবেদে বলা হয়েছে- "ঋতেন বিশ্বম্ ভুবনম্ বিরাজতঃ"^৩ Classical Indian Ethical Thought গ্রন্থে এর সমর্থন বলা হয়েছে যে, "The law and order in every sphere is a manifestation of this Rta. Along with satya and tapas, it is regarded as one of the primal constituents of the Universe."(R.V,X,190.1)।^৪ ঋত বিশ্বের শৃঙ্খলা যেমন নিয়ন্ত্রণ করে তেমনি সামাজিক জীব হিসাবে মানুষের আচরণকেও নিয়ন্ত্রণ করে। প্রমান স্বরূপ বলা যায় যে, "Rta sets an ideal here with reference to which the distinction between 'is' and 'ought' or 'right' and 'wrong' assumes some meaning..... It is said that Rta is merely a principle of moral order which simply implies that there is no caprice or disorder in the realm of morality; good acts yield good results and bad acts the bad ones."^৫

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বিশ্বপ্রকৃতি যেমন ঋত-র নিয়মের দ্বারা শৃঙ্খলাবদ্ধ হয়ে ক্রমশ বিকাশ লাভ করেছে, তেমনি মানুষ বিশ্ব-জগতের অংশ হিসাবে এই নিয়মের অধীন। একইভাবে মানুষের কর্মজীবনের শৃঙ্খলাও নৈতিক নিয়মের দ্বারা পরিচালিত হচ্ছে। এই নৈতিক নিয়মকে 'কর্মবাদ'(Theory of Karma) নামে অভিহিত করা যায়, যা ঋত-র ধারণা থেকে অনিবার্যভাবে নিঃসৃত হয়েছে। কর্মবাদ থেকে দুটি গুরুত্বপূর্ণ ধারণা আমরা লাভ করতে পারি –
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Amitav Ghosh's *The Calcutta Chromosome*: A Historical Novel

Chiradip Bera

Abstract

The Calcutta Chromosome: A Novel of Fevers, Delirium, and Discovery (1995) represents Ghosh's first science fiction; this densely layered novel offers an alternate history of the discovery of the parasite that causes malaria. His subsequent novels include *The Glass Palace* (2000), a familial history centred on Burma (Myanmar) between its occupation by the British in 1885 through its independence after World War II and into the late 20th century, and *The Hungry Tide* (2004), set in Bengal and featuring American and Indian characters. Invasion, defined as a forcible entry into a person's domain, provides opportunities for history to be made. It occurs on a massive scale occasionally and has the potential to drastically alter the ecosystem of the nation affected. History, as a record of previous human action, serves as a road map, source of information, and source of criticism. It is unavoidable for any author to describe or depict a nation that is crucial to his or her work. It emphasizes empathy, honesty, understanding, and social conscience through a series of lessons that provide important moral instruction. Literature and history are inextricably linked. Events in history are disordered chronologies of unknown data, necessitating the creation of a paradigm and making sense of them by a historian. In this way, how Amitav Ghosh's novel *The Calcutta Chromosome* explores the history of malaria hypotheses is the main discussion of this paper.

Key words: History, reinvent, disease, discovery

Ghosh is a writer who recreates the history, proposes a framework, and interprets it. It has had a significant influence on his work that ultimately has a sequential circulation since the history gives information for his artistic appreciation and creative impulse. In his writings, he discusses the histories of several nations as well as the individuals who live as witnesses to their lives and experiences. His extensive study experiences, as well as his travels to multicultural countries, have provided him with sufficient opportunity to reflect on cultural and historical disparities.

Ghosh's writings show how history impacts people's lives, personalities, and fates. He wants to recreate India's history by connecting the past events. All of his works are based on his own historical study, both social and scientific. The prominent figures depicted in Ghosh's novels are authentic representatives of the nation's socio-cultural and political structure. His works are all based on historical, sociological, and political sources. In all his fiction and non-fictional works, Ghosh's writings depict historical significance. To justify this context, Latha Chathurvedi states as: Almost all Amitav Ghosh's



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Yoga for Mental and Physical Health

Dipanwita Ghana

Abstract

Yoga in Daily Life is a system of practice consisting of eight levels of development in the areas of physical, mental, social and spiritual health. When the body is physically healthy, the mind is clear, focused and stress is under control. Yoga, an ancient practice originating from India, has gained widespread popularity across the globe due to its numerous physical, mental, and spiritual benefits. Integrating yoga into daily life can lead to profound improvements in overall well-being and quality of life. This abstract outlines the key benefits and importance of practicing yoga regularly.

The goals of "Yoga" are physical Health, mental Health, social Health, spiritual Health, self-Realization, or realization of the Divine within us. These goals are attained by love and help for all living beings, Respect for life, protection of nature and the environment, A peaceful state of mind, Full vegetarian diet, Pure thoughts and positive lifestyle, Physical, mental and spiritual practices, Tolerance for all nations, cultures and religions. Yogic techniques are known to improve one's overall performance. Pranayama is an important, yet little known part of Yoga. Until recently, this art and science of yogic breathing was almost completely unknown to the common man like many other ancient Indian arts. Pranayama techniques act to purify the nadis including these three main energy channels.

Keywords: Yoga, Pranayama, Mental Health, Physical Fitness

1. Introduction:

Yoga originated in India several thousand years ago as a system of physical and spiritual practices. It was formalized in the second century BC in the form of the Yoga Sutras, attributed to the scholar Patanjali. The word 'yoga' means 'union' or 'yoke' or 'joining'. Originally, yoga was a method for joining a regular imperfect human being with the divine principle, or God. It is aimed to unite the mind, the body and the spirit. Through the practice of yoga, the mind can be trained to relax through deep breathing and become focused while holding the breath. This practice will lead to control of the mind. Doing yoga, not just the physical portion, but also immersing oneself on to the mental aspect of it, can help improve mental health. Yogis (those who do yoga) believe that yoga can reduce, and eventually prevent, the build-up of repressed emotions in the mind. The process is gradual but the effects, if yoga continues to be practiced, are lasting. "Yoga is a very effective stress reduction and relaxation tool. Performance of various postures requires the tensing and stretching and then relaxing of muscle groups and joints, which effectively produces relaxation in much the same way that a massage does. Yoga

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