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Supporting Documents for Data Validation and Verification (DVV)

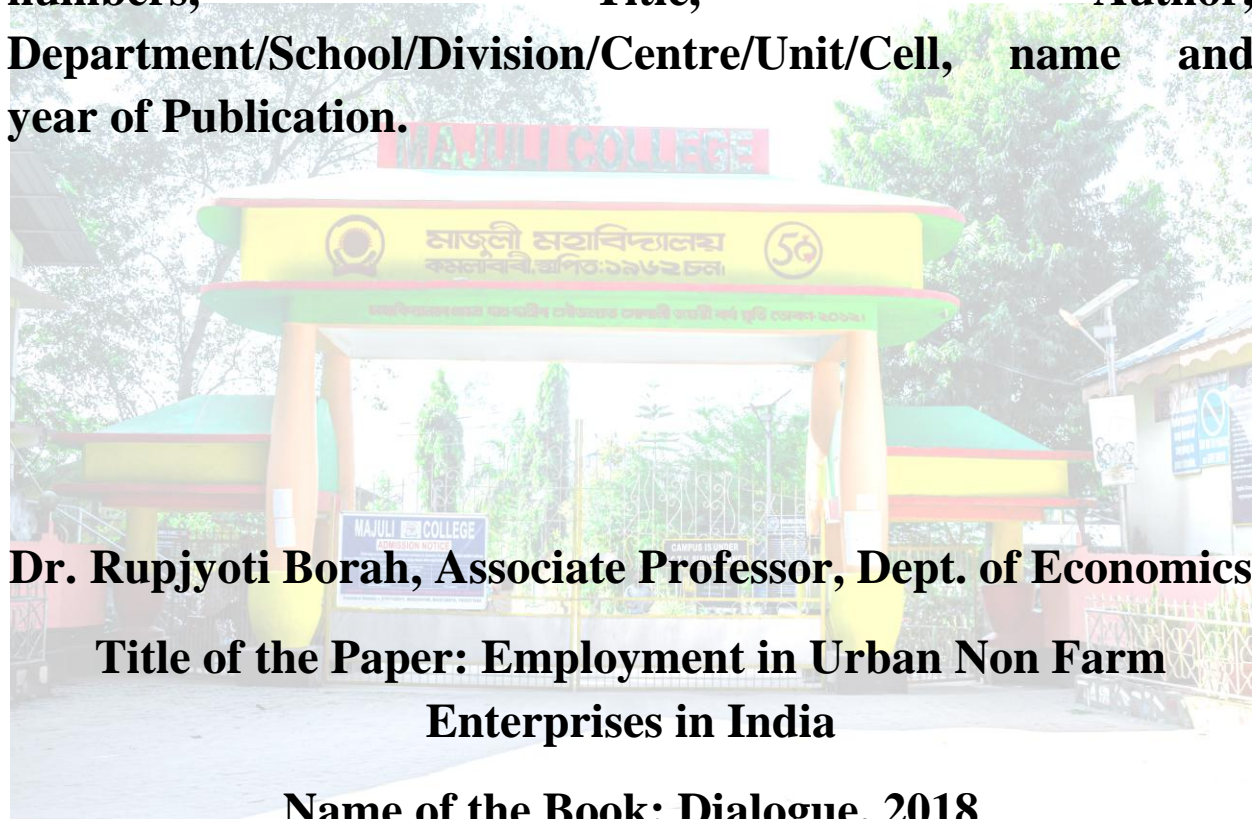
Period: 2017-2022

<i>Criterion 3</i>	<i>Key Indicator 3.3</i>
Research, Innovations and Extension	Research Publications and Awards
<i>Metric Number:</i> 3.3.2	Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years

Prepared and Submitted by

Majuli College

Cover page, Content page and First page of (Dialogue, Bodhidroom, Self-Learning Materials on Introduction to Environmental Economics, Textbook on Prachin Biswar Samajik Gathoni aru Sanskritik Binyash, Springer Proceedings in Mathematics & Statistics) with ISBN numbers, Title, Author, Department/School/Division/Centre/Unit/Cell, name and year of Publication.



Dr. Rupjyoti Borah, Associate Professor, Dept. of Economics

Title of the Paper: Employment in Urban Non Farm Enterprises in India

Name of the Book: Dialogue, 2018

ISSN: 0973-0095

Vol. 20 No. 1

Rs. 30.00

ISSN : 0973 - 0095


July-September, 2018

DIALOGUE

www.asthabharati.org

QUARTERLY

Focus : NRC and Citizenship Amendment Bill 2016


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(Dr. Debajit Saikia)
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Bimal Pramanik

10. Employment in Urban Informal Non-Farm
Enterprises in Assam
Dilip Saikia, Dr. Debajit Saikia & Dr. Rupjyoti Borah 99
11. Market Economy, Inclusive Governance and
Institutional Support: Search for Alternative
Development Strategy in North East India
Aribam Devidas Sharma 110
12. Reducing Everything to Shillings and Pence:
Analysis of a Marxist Perspective on the Bhagavadgita
Ramakrishnan Sitaraman 119
13. Livelihood Capital Assets of Tribal Rubber
Stakeholders of Tripura with Focus on Small Growers
and Plantation Workers
Vanlalrema Kuki, Pradip Chouhan & Indraneel Bhowmik 132
14. Aspects of Gandhi's Hinduism
Ravi K. Mishra 147

Employment in Urban Informal Non-Farm Enterprises in Assam

Dilip Saikia*, Dr. Debajit Saikia** & Dr. Rupjyoti Borah***

The results of the National Sample Survey (NSS) 73rd quinquennial round on unincorporated non-agricultural enterprises show that there has been significant increase in employment in the informal non-farm enterprises (INFEs) in the urban areas in Assam, while that in the rural areas witnessed sharp decline during the first half of the 2010s. Based on the NSS 67th round (NSSO, 2012) and 73rd round (NSSO, 2017) enterprise survey data, this essay presents a brief account of the various facets of employment in the urban INFEs in Assam during the period 2010-11 to 2015-16. Broadly, we analyse the size and trends of employment, employment elasticity, and growth in labour productivity in the urban INFEs across various sectors in Assam.

The informal enterprises, also known as unorganised enterprises, comprise small, private proprietary or partnership enterprises that fall outside the purview of the government regulations, i.e. they need not

Anannya Baruah, Assistant Professor, Dept. of History

**Title of the Paper: The Mighty River Brahmaputra In Selected Songs of
Bhupen Hazarika: A Brief Reflection**

Apurbajyoti Hazarika, Assistant Professor, Dept. of English

**Title of the Paper: Breaking Stereotypes: Exploring the Protesting Female
Voice In Mamoni Raisom Goswami's Short Fiction**

**Apurbajyoti Hazarika, Assistant Professor, Dept. of English and Debajyoti
Khataniar, Assistant Professor, Dept. of History**

**Title of the Paper: Satras and The Marginalised Communities and Gender: A
Study of the Changing Dynamics**

Anamika Adhikari, Assistant Professor, Dept. of Political Science

Title of the Paper: Women Workers in the Tea Gardens of Assam: A Study

Dr. Erani Mohan, Assistant Professor, Dept. of Sociology

**Title of the Paper: A Sociological Study of Climate Change and Health Issues
of Aged Women in Sivasagar District, Assam**

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**Title of the Paper: Asamiya Sahityar Jug Bibhag Aru Jug Bibhajonot Udvav
Hua Somosya**

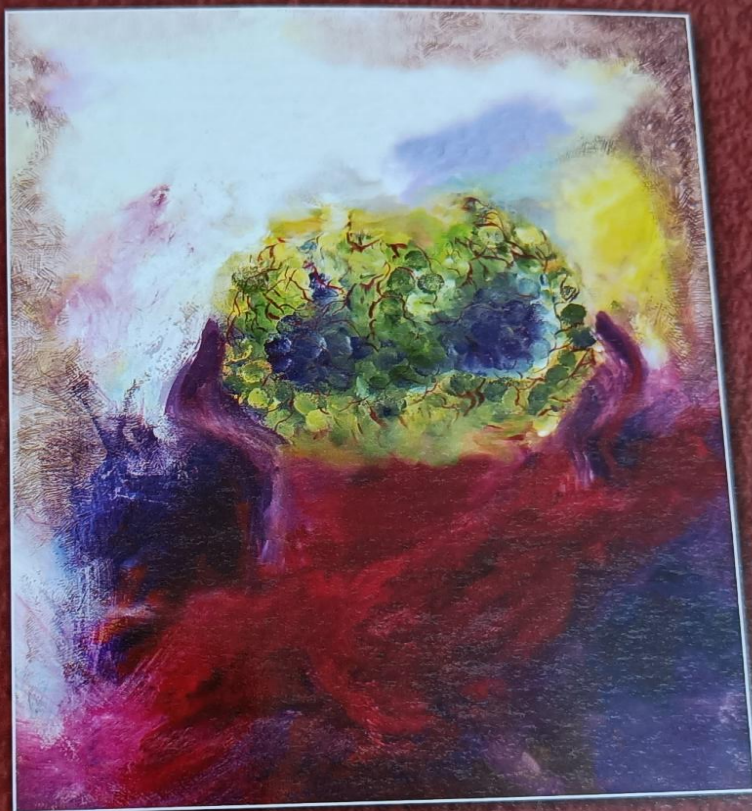
Name of the Journal: Bodhidroom, 2018

ISSN: 2321-4791




ISSN : 2321-4791
Vol-IV, September, 2018

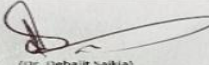
Bodhidroom



Editors : Apurbajyoti Hazarika
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C O N T E N T S

- Amitav Ghosh's *The Glass Palace* and the Issues of Colonial and Cultural Encounters: A Critique / 5
- "So different from the lives of the people we save": Agency, Alterity and Epistemology of the Posthuman Subjects in Kazuo Ishiguro's *Never Let Me Go* / 23
- *The Mighty River Brahmaputra in Selected Songs of Bhupen Hazarika: A Brief Reflection* / 34
- Breaking Stereotypes: Exploring the Protesting Female Voice in Mamoni Raisom Goswami's Short Fiction / 41
- Memory, Trauma and Identity Crisis: A Reading of Khushwant Singh's *Train to Pakistan* / 48
- Amitav Ghosh's *The Hungry Tide*: An Eco-critical Perspective / 55
- *Sattras* and the Marginalised Communities and Gender/s: A Study of the Changing Dynamics / 63
- Women Workers in the Tea Gardens of Assam: A Study / 82
- A Sociological Study on Climate Change and Health Issues of Aged Women in Sivasagar District, Assam / 90
- অসমীয়া সাহিত্যৰ যুগ বিভাগ আৰু যুগ বিভাজনত উদ্ভৱ হোৱা সমস্যা / 97

Women Workers in the Tea Gardens of Assam: A Study

Anamika Adhikari

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Abstract

Tea industry in India is one of the oldest industries and enjoys the status of one of the best organised industries in the country. Among the various major tea producing states, Assam is one of those states. In the tea industry where women constitute more than 50% of the total labour force are in a very pathetic condition. Despite the existence of various national as well as international documents on workers' rights, the women workers in particular are not only deprived of their rights but also are totally ignorant about such rights. In this context, this paper tries to analyse the socio, economic and political conditions of the women workers in the tea gardens of Assam.

Keywords: Tea gardens, Assam, Workers, Women, Rights

Introduction

In India, women are increasingly entering the labour force and plantation is such industry where employment of women is increasing steadily (Bhadra:1985, 95). The tea industry in India is the only organized industry that employs a high proportion of female labour. Tea industry is one of the oldest and largest industries in India and enjoys the status of one of the best organised industries in the country. The organised tea sector currently employs over 1.1 million workers throughout the tea growing states and Women constitute more than 50% of the total labour force (Bhadra:1985, 101). The Indian Tea plantations are mainly located in rural hills and backward areas of North Eastern and Southern states. The major tea growing areas

Bodhidroom, Vol. IV ■ 82

Sattras and the Marginalised Communities and Gender/s: A Study of the Changing Dynamics

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Abstract:

This paper is an attempt at evaluating the changing interface between *sattras* of Assam, a dominant socio-cultural and religious institution, and the marginalised sections and genders. Being founded on a patriarchal set-up, the *sattras*, since inception, have clearly been modelled on a caste bias and the so-called marginalised sections and gender/s including women have always remained deprived of their due share of importance in their functioning mechanism. Recognised as an upholder of Sankaradeva's neo-Vaishnavite faith, which negates caste distinctions, this institution somehow could not do justice to the catholic tenets of the faith during the years of its growth and development. However, owing to the advent of modernism, a discernible change has come about in its functioning which has become far more democratic allowing greater space to the marginalised sections in the recent times.

Key words: *Sattras*, marginalised, patriarchal

The socio-religio-cultural institution called *sattras* has survived till date in Assam literally carrying forward the legacy of Neo-Vaishnavism initiated by

Bodhidroom, Vol. IV ■ 63

Breaking Stereotypes: Exploring the Protesting Female Voice in Mamoni Raisom Goswami's Short Fiction

Apurbajyoti Hazarika

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Abstract :

Mamoni Raisom Goswami (1942-2011), a noted writer of Assamese fiction, has enriched this domain with some of her bold narratives that have raised telling questions on patriarchy. While her long fiction is a glaring example of this, her shorter fiction equally resounds with such penetrative insights. In stories like *Caste* (Sanskar), she has delved deep into the women psyche usually starved of the freedom in a typically patriarchal social set-up to assert their mind. The central protagonist Damayanti breaks many stereotypes and emerges a non-conformist after thwarting almost male desires. Yet this protest keeps dormant within it an indirect attempt to uphold tradition, which at times perplexes readers. Moreover, many of her female characters are characterised a 'touch of narcissism' and remains open to multiple interpretations.

Key words : patriarchy, stereotypes, narcissism

Indira Goswami (1942-2011), a Jnanpith awardee, more popularly known as Mamoni Raisom Goswami in literary circles, is a powerful writer of Assamese fiction with her penetrative insight into the diverse, multi-layered Indian society and culture.

Bodhidroom, Vol. IV ■ 41

The Mighty River Brahmaputra in Selected Songs of Bhupen Hazarika: A Brief Reflection

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Abstract

Rivers are part and parcel of nature. River plays a pivotal role in the development of human civilization from time immemorial. At times the rivers become lifeline for the development of an area and sometimes it creates hazardous conditions for humans causing flood and misery across the region. The Brahmaputra River flowing through Tibet, China, Assam, Bangladesh, acts as a lifeline for the people throughout the valley. In Assam, the river Brahmaputra became a symbol of Assamese social life and thus became a popular theme of cultural identity, from folk literature to the contemporary period. A careful hearing of the songs of Dr. Bhupen Hazarika (1926-2011) reflects appraisal of the Brahmaputra river in very many times. The present paper intends to review the presence of the Brahmaputra river in some of his important songs and how the songs echo the varying nature of the river in the passage of time, viz; the changing mood of the river. It will further verify the influence of folk culture and early writings and songs in the creation of the songs and the personality of Bhupen Hazarika.

Key words : Brahmaputra, Dr. Bhupen Hazarika, the riverscape in culture.

Introduction:

Nature plays an active role in the development of the world civilization. T

Bodhidroom, Vol. IV ■ 34

অসমীয়া সাহিত্যৰ যুগ বিভাগ আৰু যুগ বিভাজনত উদ্ভৱ হোৱা সমস্যা

দুলাল হাজৰিকা,
সহকাৰী অধ্যাপক, অসমীয়া বিভাগ
মাজুলী মহাবিদ্যালয়, কমলাবাৰী
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সাৰগত্ৰঃ অসমীয়া সাহিত্যৰ যুগ বিভাগ সম্পৰ্কে সমালোচকসকলৰ মাজত কিছু মত পাৰ্থক্য থাকিলেও প্ৰায়ভাগ সমালোচকে প্ৰধানকৈ তিনিটা যুগৰ কথা উল্লেখ কৰিছে। আদি, মধ্য আৰু আধুনিক যুগ। এই যুগকেইটা নিৰ্ণয় কৰোঁতে কিছুমান সমস্যাৰ উদ্ভৱ হোৱা দেখা যায়। এই সমস্যাসমূহৰ কাৰণে অসমীয়া সাহিত্যৰ যুগ বিভাগ সম্পৰ্কত এটা সৰ্বসন্মত সিদ্ধান্ত গ্ৰহণ বা মত প্ৰকাশ কৰাত জটিলতাই দেখা দিয়ে। যুগসমূহৰ নামকৰণৰ সমস্যা, যুগসমূহৰ মাজত স্পষ্ট সীমাৰেখা নিৰ্ধাৰণৰ সমস্যা, পুৰণি সাহিত্যৰ উপযুক্ত সমলৰ অভাৱ, অসমীয়া সাহিত্যৰ উপযুক্ত বুৰঞ্জীৰ অভাৱ আদিয়ে অসমীয়া সাহিত্যৰ যুগসমূহৰ প্ৰকৃত মূল্যায়নত সমস্যাৰ সৃষ্টি কৰে। তদুপৰি সাম্প্ৰতিক কালত সাহিত্যিকৰ সংখ্যা বৃদ্ধি পোৱাৰ লগতে বিবিধ সাহিত্যৰ ৰচনাও যথেষ্ট বাঢ়ি যোৱা দেখা গৈছে। গতিকে এই সকলোবোৰ সাহিত্যৰ মূল্যায়ন কৰি একোখন সাহিত্যৰ বুৰঞ্জী প্ৰণয়ন কৰাটো যথেষ্ট গুৰুত্বপূৰ্ণ অথচ জটিল কাম বুলি ক'ব পাৰি। আমাৰ গৱেষণা পত্ৰখনত এই দিশসমূহ আলোচনালৈ আনিবলৈ প্ৰয়াস কৰা হৈছে।

গৱেষণা পত্ৰখন প্ৰস্তুত কৰিবলৈ মূলতঃ বিশ্লেষণাত্মক পদ্ধতিৰ সহায় লোৱা হৈছে। মুখ্য উৎস অসমীয়া সাহিত্যৰ বুৰঞ্জীকেইখনৰ লগতে গৌণ উৎসৰূপে বিভিন্ন গ্ৰন্থ আলোচনী আদিৰো সহায় লোৱা হৈছে। প্ৰসংগ সূত্ৰ তথা গ্ৰন্থপঞ্জী প্ৰস্তুত কৰাৰ ক্ষেত্ৰ MLA পদ্ধতি ব্যৱহাৰ কৰা হৈছে।

০.০ অৱতৰণিকা :

অসমীয়া সাহিত্যৰ ইতিহাস যথেষ্ট পুৰণি। অসমীয়া সাহিত্যৰ ইতিহাসলৈ লক্ষ্য কৰিলে দেখা যায় যে অসমীয়া ভাষাই স্বকীয় ৰূপ লাভ কৰাৰ পাছত অসমীয়া সাহিত্যৰ সৃষ্টি হয় মৌখিক সাহিত্যৰ যোগেদি। আন আন ভাষাৰ সাহিত্যৰ দৰেই অসমীয়া সাহিত্যৰো আৰম্ভণি মৌখিক গীত-মাতেৰে হৈছে। মৌখিক সাহিত্যৰ পাছতহে

Bodhidroom, Vol. IV ■ 97

A Sociological Study on Climate Change and Health Issues of Aged Women in Sivasagar District, Assam

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Abstract:

The word 'Aged' refers to the last phase of the life cycle of an individual and it implies physical and psychological changes like- physical weakness, decline in sense of perception, mental activities, social activities and interests. Ageing is a biological as well as social process. On the other hand, environmental change is related to the source of socio-economic behavior of human life. The aged women face lots of health problems due to environmental issues and climate change. The specific problems including physical abilities decline, mental and physical abilities, illness, reduced standard of living etc. are related with aged women. This study is based on primary data collected from 50 respondents of Santak Tea Estate of Sivasagar District by using a purposive sampling method. This study highlights the health problem of aged women, the living condition of aged women, relationship between environment source and health problems of aged women.

Key words: Aged women, climate change, health problems

Introduction:

In gerontology the term aged refers to the last phase of the life cycle of an individual when one normally has deteriorated health within their attitude, psychology,

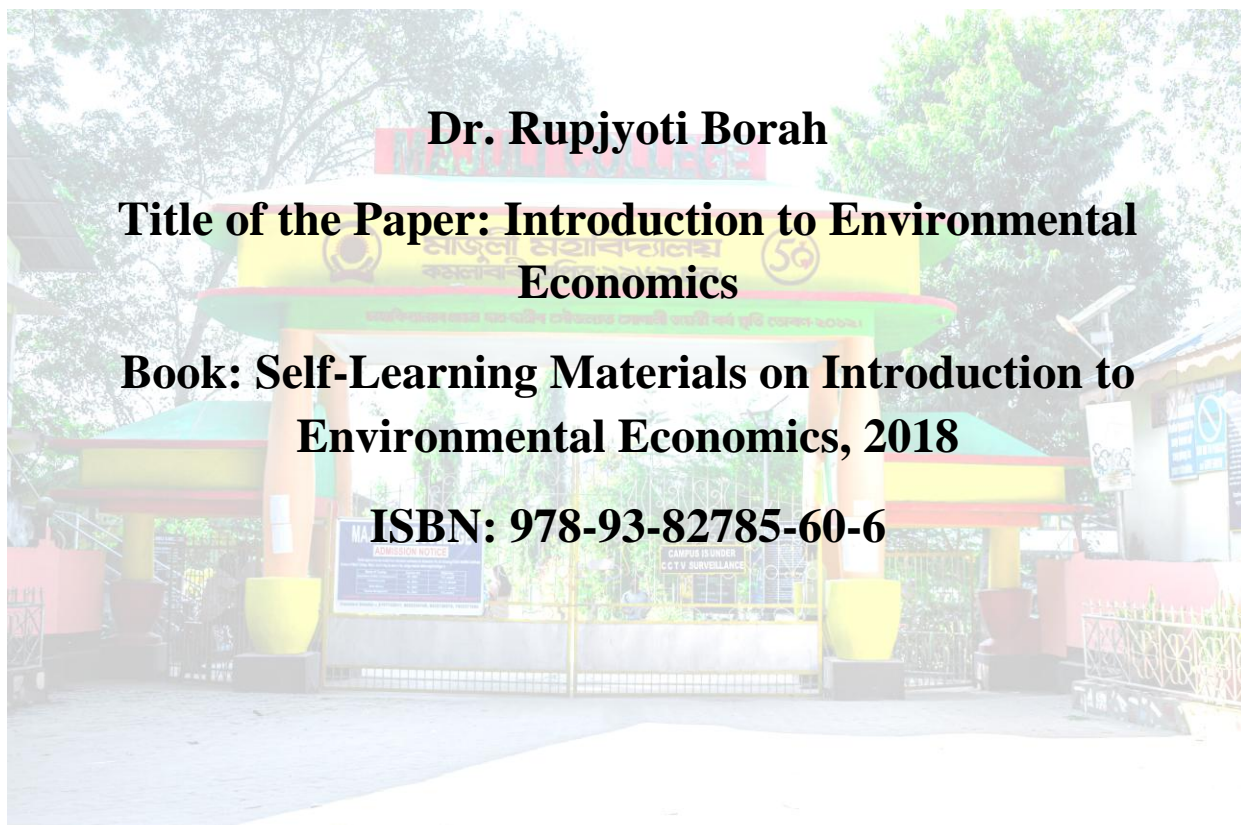
Bodhidroom, Vol. IV ■ 90

Dr. Rupjyoti Borah

Title of the Paper: Introduction to Environmental Economics

Book: Self-Learning Materials on Introduction to Environmental Economics, 2018

ISBN: 978-93-82785-60-6





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COURSE : ECOM : 306
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ISBN NO.: 978-93-82785-60-6

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Published on behalf of the Directorate of Open & Distance Learning, Dibrugarh University by the Director, ODL, D.U. and printed at **Central Graphics & Printing, A.T. Road, Naliapool, Dibrugarh - 786001**

Acknowledgement

The Directorate of Open & Distance Learning, Dibrugarh University duly acknowledges the financial assistance from the Distance Education Council, IGNOU, New Delhi for preparation of this Self Learning Material.

খণ্ড - 1
গোট - 2
পৰিৱেশীয় অৰ্থনীতিৰ পৰিচয়
(Introduction to Environmental Economics)

গঠন বিন্যাস

- 2.0. উদ্দেশ্য
- 2.1. প্ৰস্তাৱনা
- 2.2. পৰিৱেশীয় অৰ্থনীতিৰ পাতনি
 - 2.2.1. পৰিৱেশীয় অৰ্থনীতিৰ সংজ্ঞা
 - 2.2.2. পৰিৱেশীয় অৰ্থনীতিৰ উদ্দেশ্য
 - 2.2.3. পৰিৱেশীয় অৰ্থনীতিৰ বিষয়
 - 2.2.4. পৰিৱেশীয় অৰ্থনীতিৰ উৎপত্তিৰ আদি কথা অগ্ৰগতিৰ খতিয়ান
- 2.3. পৰিৱেশীয় গুণাগুণ
- 2.4. নিবনানীকৰণ
 - 2.4.1. নিবনানীকৰণৰ কাৰণ
 - 2.4.2. নিবনানীকৰণৰ প্ৰভাৱ
 - 2.4.3. নিবনানীকৰণৰ সমাধান অগ্ৰগতিৰ খতিয়ান
- 2.5. জৈৱ বৈচিত্ৰ্য
 - 2.5.1. জৈৱ বৈচিত্ৰ্যৰ ক্ষতি
 - 2.5.2. জৈৱ-বৈচিত্ৰ্যৰ ক্ষতিৰ কাৰণ
অগ্ৰগতিৰ খতিয়ান
- 2.6. বহনযোগ্য উন্নয়ন
 - 2.6.1. বহনযোগ্য উন্নয়নৰ সূচক
অগ্ৰগতিৰ খতিয়ান
- 2.7. আমি কি শিকিলো
 - নিৰ্যন্ত
 - পাঠ্য নিৰ্দেশনা
 - অগ্ৰগতিৰ খতিয়ানৰ সম্পৰ্কত ইংগিত
 - আদৰ্শ প্ৰশ্ন - উৎস প্ৰসাংগ

খণ্ড - 1

গোট - 2

পৰিৱেশীয় অৰ্থনীতিৰ পৰিচয়
(Introduction to Environmental Economics)

2.0. উদ্দেশ্য : পূৰ্বৰ অৰ্থাৎ এই গোটটোৰ আগৰ গোটটোত তোমালোকে পৰিৱেশ আৰু পৰিস্থিতি বিজ্ঞানৰ মাজত থকা সম্পৰ্ক, এনট্রপি সূত্র, তাপগতিৰ সূত্র, পৰিস্থিতি বিজ্ঞান পৰিৱেশ আৰু অৰ্থনীতিৰ মাজত থকা সম্পৰ্ক, সম্পদ আৰু অৱশিষ্টৰ ধাৰণাৰ বিষয়ে পঢ়ি অহাৰ ওপৰিও পৰিৱেশক সামাজিক আৰু অৰ্থনৈতিক সম্পদ হিচাপে বিবেচনা কৰাৰ বিষয়েও বুজিব পাৰিছা।

এই গোটটো পঢ়ি তোমালোকে

- 1) পৰিৱেশ অৰ্থনীতিৰ সংজ্ঞা নিৰূপন কৰিব পাৰিব।
- 2) পৰিৱেশ অৰ্থনীতিৰ উদ্দেশ্য আৰু বিষয়সমূহ চিনাক্তকৰণ কৰিব পাৰিব।
- 3) পৰিৱেশ অৰ্থনীতিৰ উৎপত্তিৰ আদি কথাৰ মূল্যায়ন কৰিব পাৰিব।
- 4) পৰিৱেশীয় গুণ বা মানৰ বিষয়ে জানিব পাৰিব।
- 5) নিবনানীকৰণৰ ব্যাখ্যা কৰিব পাৰিব।
- 6) জৈৱ-বৈচিত্ৰ্যৰ ক্ষতি বা লোকচানৰ কাৰণ নিৰ্ণয় কৰিব পাৰিব।
- 7) বহনক্ষম উন্নয়নৰ ধাৰণাৰ ব্যাখ্যা কৰিব পাৰিব।

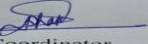
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Gitarani Goswami

**Book: Textbook on Prachin Biswar Samajik Gathoni aru
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ISBN: 978-93-85439-56-8




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

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ভিত্তিক মূল্যাংকন পদ্ধতিৰ (CBCS) পাঠ্যক্ৰম অনুসৰি সন্মান (Honours)
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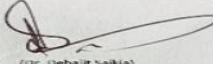
প্ৰাচীন বিশ্বৰ সামাজিক গাঁথনি আৰু সাংস্কৃতিক বিন্যাস



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published by Bidya Bhawan, Jorhat, Assam.

First Edition : July, 2019

Price : Rs. 220/- only

প্রকাশক আৰু পৰিবেশক

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প্ৰথম প্ৰকাশ : জুলাই ২০১৯ চন।

ISBN : 978-93-85439-56-8

প্ৰচ্ছদ সজ্জা : পাৰভেজ হুছেইন

মূল্য : ২২০.০০ টকা মাত্ৰ।

মুদ্ৰক : বৰকটকী অফছেট প্ৰিণ্টাৰ্ছ
মালৌ আলি, যোৰহাট।

Dr. Dimpee Boruah

**Title of the Paper: Analysis of three major Airline Networks
of India: A Complex Network Approach**

**Journal: Springer Proceedings in Mathematics & Statistics,
2020**

ISBN: 978-981-15-3615-1_36

Springer Proceedings in Mathematics & Statistics

Somnath Bhattacharyya
Jitendra Kumar
Koeli Ghoshal *Editors*

Mathematical Modeling and Computational Tools

ICACM 2018, Kharagpur, India,
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ISSN 2194-1009 ISSN 2194-1017 (electronic)
Springer Proceedings in Mathematics & Statistics
ISBN 978-981-15-3614-4 ISBN 978-981-15-3615-1 (eBook)
<https://doi.org/10.1007/978-981-15-3615-1>

Mathematics Subject Classification (2010): 92-08, 92-10, 65-XX, 68Uxx, 97Mxx

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Stochastic Modelling and Machine Learning

Asymptotic Theory of Bayes Factor in Stochastic Differential Equations with Increasing Number of Individuals	447
Trisha Maitra and Sourabh Bhattacharya	

Text Detection Based on Text Shape Feature Analysis with Intelligent Grouping in Natural Scene Images	467
D. Kavitha and V. Radha	

Anthrophilia* Algorithm	481
Sujoy Seal	

Stochastic Modeling of Earthquake Interevent Counts (Natural Times) in Northwest Himalaya and Adjoining Regions	495
Sumanta Pasari	

Analysis of Three Major Airline Networks of India: A Complex Network Approach	503
Dimpee Baruah and A. Bharali	

Analysis of Three Major Airline Networks of India: A Complex Network Approach



Dimpee Baruah and A. Bharali

Abstract Air transportation network is one of the most important transport networks in recent time. In the air transportation network, the study of robustness of airlines network plays a key role. Robustness is the ability of a network to continue to perform properly when it is subject to failures or attacks. We adopt a complex network approach to analyze the robustness of three major airlines of India viz. Indigo, Air India, Jet Airways by simulating random attack and targeted attack on the separate airlines networks. Random attack is based on the removal of random airports from the network and targeted attack is based on the removal of important airports based on the node attributes like degree, betweenness.

Keywords Complex network · Network measures · Robustness · Airport network of India (ANI) · Airline networks

1 Introduction

Air transportation network is one of the most important transport networks in recent time. Nowadays, air transportation network is one of the essential elements of our present societies for their high level of mobility. Various countries such as USA [1], China [2], Italy [3], India [4], Australia [5], Brazil [6] air transportation network have been studied to analyze the infrastructure, connectivity, flow of traffic, etc. Due to the increasing dependency on this network, the study of the robustness of the network also plays an important role. Robustness is the ability of a network to continue to perform properly when it is subjected to failures or attacks [7]. Robustness is one