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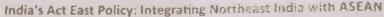
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Abstract

The naturally rich resources and geographical location with great economic potentialities of the North Eastern region has been considered as a gateway for India to East and South East Asia. The North Eastern region is being considered as facal point and the development of this region would be instrumental in the implementation of Act East Policy and India-ASEAN relations or regional co-operation. The Act East policy which was previously known as Look East policy has made North Eastern Region more important from strategic point of view. The region has to gear up to take up more challenges and capitalize on the opportunities being emerged by the huge market in the South East Asian countries. To exploit all the opportunities it is required to integrate the North East Region with the South East Asian Region. This will also bring the isolation of the North Eastern Region come to an end and open up the region to the neighbouring countries. The probable result of economic co-operation will bring more prosperity to the people of North East region and South East Asian Region from the policy initiative. This paper examines the Act East Policy in relation to northeast india. The paper also highlights the possibilities coming out for the northeastern region as a result of Act East Policy and integration with ASEAN

Key words: Northeast, ASEAN, Act East Policy, integration, regional cooperation

Introduction

Regionalism has become an important strategy in shaping the today's competitive world. This has become necessary to overcome the challenges faced at the regional level as a result of global competition. This encourages the initiation and promotion of the cooperation amongst the regional tie-ups for development of economies at regional level. The India- ASEAN relationship has been one of such initiative for the development of cooperation and economic development amongst the countries to make a strong hold at regional level. Along with the growth of economies of India as well as ASEAN new opportunities on business and trade have been coming up and making the governments to become more outward looking. The impact of economies of US and western countries like European Union are also contributing the demand for more co-operation and outward looking policy for regional growth and development.

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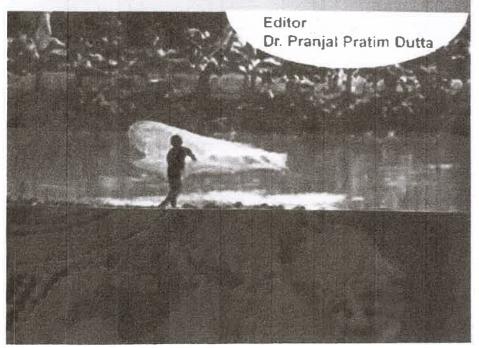


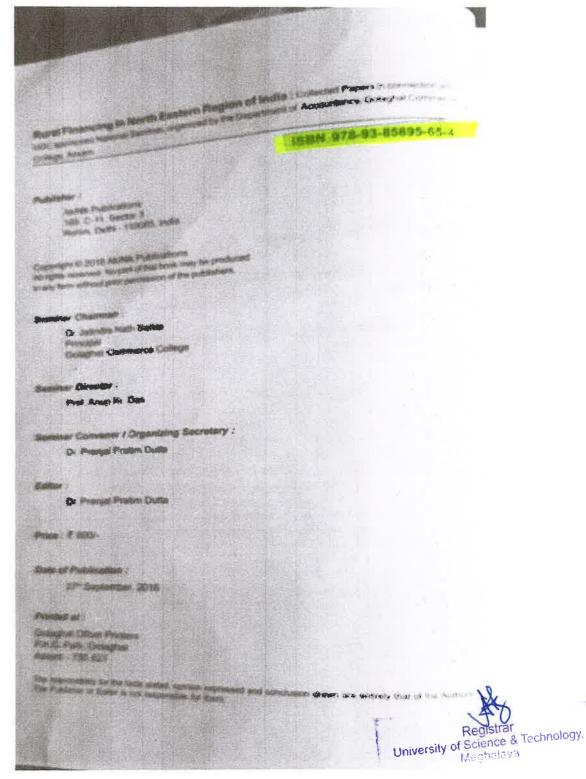
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Taxues and Challenges



Department of Accountancy
Golaghat Commerce College, Golaghat, Assam (India)





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Fisheries and Livelihood : Current Status and Future possibilities (With Special reference to Rastiya Krishi Vikash Yojana (RKVY) in Sivasagar District of Assam

> Dr. Polakshi Bhattacharyya Pankaj Jyoti Hazarika

sesam is endowed with 3.90 lakh hectares of water hodies which include ponds and tanks. over fisheries, beels, reservoirs, forest fisheries and derelict water bodies or swamps. About populations of the state consume fish and there is a growing demand of fish in the The State Government has been giving due emphasis to the sector by implementing various schemes for fish production. Though, the Government has been taken the various schemes for fish producing in the state nevertheless it has not been met up the deficit of fish. The main aim of this paper is to examine the role of fishery sector, status and livelihood of the people in the rural area of Sivasagar district.

Ko Words; Fishery sector, fishing, livelihood, rural area, agriculture, allied

1. Introduction:

Assam is endowed with 3.90 lakh hectares of water bodies which include ponds and tunks, river fisheries, beels, reservoirs, forest fisheries and derelict water bodies or swamps. About 90% population of the state are fish eaters and there is a great demand of fish in the

The fishery sector was officially recognized as a significant allied agriculture sector in the country during the first five year plan 1951-1956. It plays a pivotal role in the socioeconomic development and employment generation in the state. Fishing and farming as a profitable economic activity, which is gradually gaining popularity amongst fisherman and the farmers in the state and they have been taken in this sector as commercial basis.

The primary sector is the most important in our Indian economy. It provides food to its population and generates employment and income to a significant portion of the people. Fish is an important source of many nutrients, including protein, retinol, vitamins D and E todine and selenium. The consumption of fish enhanced brain development and improve

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About the Editor-in-Chief



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24 Development of Skills of College Librarian in the 21st Century: Issues and Challenge

Open Access Initiative: A Special Reference to Massive Open Online Courses (MOOCs) Amrita Devi

Faculty, DLIS.

USTM, Meghalaya

College Libraries in Assamt Issues and Challenges

Abstract

The present paper describes about the universal access to knowledge and information in the regions and digital environment. It highlights on different issues relating to the increasing demand of "open occess" resources. In this context, the role of MOOCs (Massive Open Online Courses), a new type of online class that allow anyone, anywhere, to participate via video lectures, computer graded tests, and discussion forums, has been discussed. Alone with it, the strengths, weaknesses and the possible relationships between academic libraries and MOOCs are also included.

Keywords: Open Access, Open Source, MOOCs, Digital Literacy, Information Literacy

1. Introduction

The main motto of a library is to satisfy the Users demand with accurate information within the shortest possible time. Hence libraries are trying to conceive all measured possibilities to keep the user community satisfied. Academic Libraries are in a developing phase now. Today, users are highly specific in their needs and are also aware of other alternatives which provide information. In this regards, the impact of ICT has been very high The Digital technologies have created more than one revolution, and among those our food goes mainly on Access revolution.

2. Open Access Initiative

The revolution of Open Access has been started since early 1990s. The concept open accesses justify direct access to particular content, document or information. The concept Open access came in to existence as a result of various limitation on use of scholarly and scientific publications like subscription fees, license fees or pay-per-view fees etc.Th publishing houses charges different fees to access their document or information, Open access on the other hand gives will freedom to the user to access scientific and scholarly publication

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Production of Citric acid from tender coconut water and unused tender coconut meat

Ipsita Bhattacharjee, P. K. Baruah,

Abstract.

Citric acid is the most important organic acid, used mainly as a natural preservative and conservative. It has found multiple applications in industries related to food, beverage, pharmaceuticals, etc. In this study, tender coconut water as well as unused tender coconut meat, are used for citric acid production using Aspergillus niger spores. The spores are mixed into the fermentative medium, supplemented with ammonium-sulphate and incubated at 30±1°C, for 60 hours. After incubation, the media are then tested for citric acid production, using some confirmatory biochemical tests. The amount of citric acid produced, was determined by titrimetric method. 100% tender coconut water showed the highest production of citric acid while the medium containing 180 gms of tender coconut meat showed the highest citric acid production. It was finally concluded from this study that, both tender coconut water as well as unused tender coconut meat can serve as excellent potential raw materials for citric acid production.

Keywords: Citric acid, Aspergillus niger, coconut water, coconut meat.

1. Introduction.

Among all the organic acids industrially produced, citric acid is the most important biodegradable, environmentally acceptable and versatile chemical. It is used in food, beverage, pharmaceutical, chemical, cosmetic and other industries. Fermentation is the only widely used technique for citric acid production on a mass scale (Kubick C. P et al, 1994, Rhr M, 1998 & Kristiansen B et al, 1978). According to estimates, citric acid produced through fermentation is 70 × 10⁵ tonnes/annum.

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INNOVATION

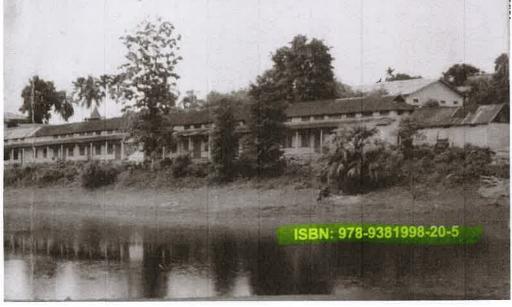
A GLORIOUS JOURNEY

Proceeding of National Seminar on Fisheries & Fish Breeding





Editor: Dr. Ranjit Hazarika, Saurabh Kr. Sarma



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University of Science & Technology, Maghalaya

OF GOPAL JARANI AND THEIR SOCIO. ECONOMIC STATUS OF GOPAL JARANI AND THEIR SOCIO- ECONOMIC STATUS Deepsikha Baruah**

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INTRODUCTION:

Assam is a land of many tribes, culture and religions. It includes Bodo, Karbi, Mishings, Garo, Deuri, Kuki, Dimasa etc. Among the all tribes of Assam Mishings are the second largest ethnic tribes of Assam, population of which is estimated to be 1,237,569. They are also called 'Miri'. Mostly they live on the bank of mighty river Brahmaputra and its tributaries in certain areas like Lakhimpur, Dibrugarh, Sibsagar, Jorhat, Sonitpur. A large group of Mishing people lived in the area named as 'Gopal Jaroni' in Biswanath district at the bank of river Brahmaputra. These tribal people are mainly making their livelihood by fishing. A lot of traditional gears and fishing methods are used by them to capture a vast range of fish species. They make the gears by themselves with their inherent traditional knowledge and are used by the communities to catch the fishes in relation to physiography of water body, nature of fish stock etc.

It is also noticeable that Mishing community of this locality of Gopal Jaroni preserve the fish flesh and its taste and nutritive value which is called as Namsing and Perup. This local area is very backward and flood prone area, whereas

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University of Science & Technology, Meghalaya



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RESOURCES AND CHALLENGES IN NORTH EAST INDIA

Palme Borthakur • Lalit Saikia Eahya Al Huda Editors

Chandra Prakash on behalf of

University of Science & Technology, Meghalaya

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3 Water Resources of North East India and Challenges in Development

Lalit Saikia

Introduction

North East India, which includes the eight States of Arunachal Pradesh, Assam, Nagaland, Manipur, Mizoram, Tripura, Meghalaya and Sikkim, is known for its unique geostrategic location and huge natural resources. Due to unique geographical location coupled with hydro-meteorological situation, North East India is endowed with vast water resources. There are rivers ranging from very small ones akin to streams to large rivers such as the Brahmaputra. The Brahmaputra basin and the Barak basin are the two major integrating river basins of North East India. The Brahmaputra basin of India is a part of the Tsangpo-Dihing-Brahmaputra basin which lies between latitude 25° N and 32° N and longitude 82° E and 97° E. Originated as the Yarlung Tsangpo from the Angsi glacier near Manasarovar lake in the Kailash range in southern Tibet, Brahmaputra is a trans-boundary river flowing from the Himalayas to the Bay of Bengal through China (Tibet), India and Bangladesh. With a value of 19.83×103m3s-1 average discharge at the mouth, Brahmaputra is the fourth (jointly with the Yellow river) as compared to other large rivers of the world, namely, Amazon, Congo and Yangtze (Goswami, 1989). Brahmaputra, Barak and well-knit network of the tributaries (Figure 1) controls the geomorphic regime of the entire region. The major rivers and tributaries of North East India are mentioned in Table 1. Unique ecology, biodiversity and monsoon regime cause all the small and big rivers of the region to have strong links to ecosystem dynamics and the productivity of the adjoining terrestrial and fluvial systems. The culture and livelihoods particularly of the tribal communities of the Northeast are intrinsically linked to the pristine forests and rivers.

Saikia L. (2017): Water Resources of North East India and Challenges in Development. In Borthakur P., Saikia L. and Huda E.A. (Eds.), Resources and Challenges in North East India, Chandra Prakash, Guwahati, pp. 19-33.

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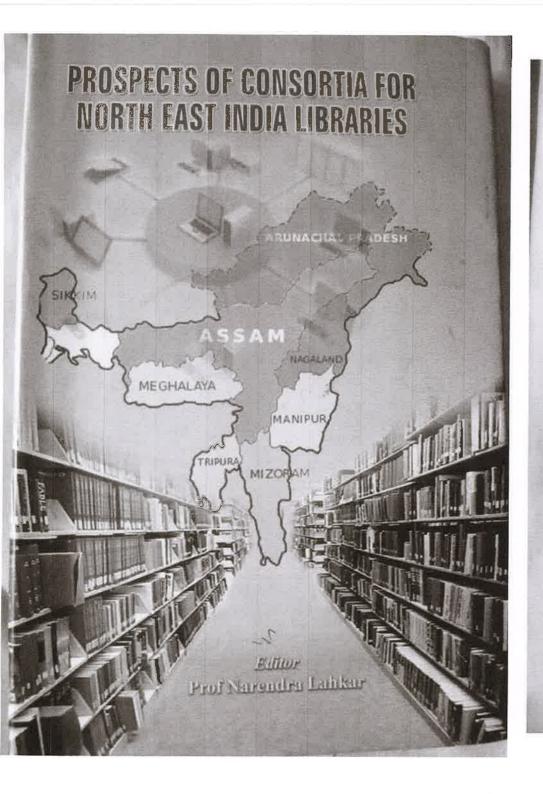
Monitoring & Measurement of Road Traffic Noise Level in Guwahati and its nearby area

Mrinmoy Koushik Bora
Ikbal Farid Ali,
Rima Kalita
Rakesh Ghimire Chetry
Anup Kr. Bordoloi

Abstract

The main objective to bring this paper is to reduce the traffic jam, one of the most important scenarios as observed in regards to noise pollution in Guwahati, the capital city of Assam. The noise pollution, which is a major and sever upcoming hazard in both urban and sub-urban areas, is found to be generated mainly due to the sudden pick up of speed in the vehicles and the uncivilized way of using the horn by the drivers. It has been a serious concern over the years especially in urban and sub-urban areas as the number of vehicles is found to be increasing in an exponential growth which in long turn may cause huge





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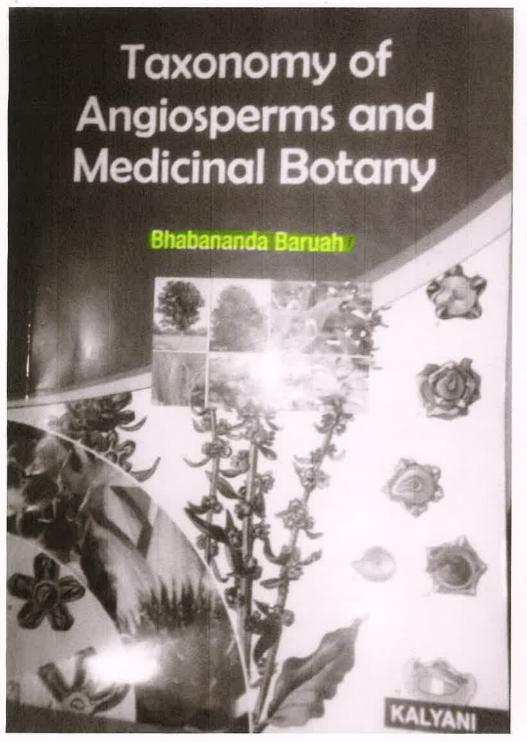
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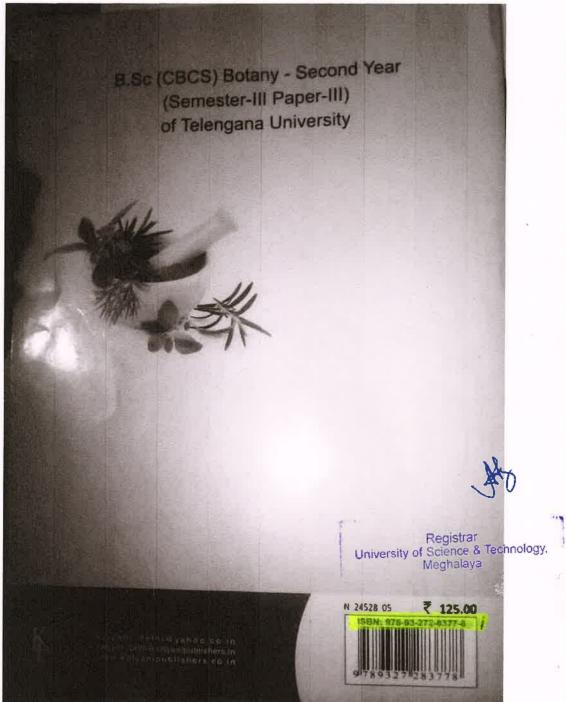
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SOCIO-ECONOMIC CONDITIONS OF THE CHILDREN OF MIGRANT TRIBAL WORKERS IN TEA GARDENS OF TRIPURA An Analysis

PAPIYA DUTTA AND DEBASIS NEGGI

Introduction

The economic history of western colonialism thoroughly gives an idea to the prevailing presence of plantations in colonial economies. Brazil and Malaysia was dominated by rubber while in the West Indies it was sugar and in India it was tea. As historic evidence points out that the conditions of labour in plantation economies have always been a matter of concern. Oppression, exploitation, migrant labour and social divisions have always been the characteristics of the plantation economies. All these have contributed to the economic and social exclusion of the plantation labour. Thus tea plantation economy in India is considered to be an enclave economy.

India is the second highest tea producing country in the world after China. In India the tea plantation economy is highly dominated by the tea estates of Assam and West Bengal which has 1500 tea estates and employing around 1.1 million workers. During the British regime in India there was no Labour Legislation in respect of tea plantation industry. It was after the post-independence period, the Plantation Labour Act, 1951 came in to existence.

The tea industry in India has steadily prospered all through these

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Modern Music of Assam

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Modern Music in Assam Cultural Fusion and Diffusion

Palme Borthakur

Dr. Bhaben Ch. Kalita

The following article gives an overview of the origin and development of modern music in Assam. Development of modern music in Assam reveals a long mythology and history. The development of modern music has been tried to be established on lights of diversity, cultural fusion, social identity, globalization and travel of popular sounds.

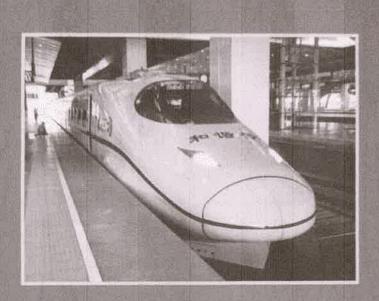
Methodology: The article is based on secondary source of data. Other sources of data collection are various articles on music in Assam published in magazines, blogs and books, listening to songs from music albums, both print and electronic media. Some external links also were used

like conversations and personal interviews with some experts in the area.

Assam, a state situated in the North-Eastern region of India is a platter of incredible cultures and landscapes. Modern music in Assam is a hub of diverse array of styles shared by folk music in the region, ethnic music of the hilly people surrounding the state and also influenced by the music of its neighboring countries like Thailand, Myanmar and other far eastern countries. Descending scale of the ethnic music in Assam distinguishes it from any other Indian folk or rang-based music. Another significant characteristic of native music of Assam (including Biltu songs, Mising, Karbi and Bodo songs etc.) is, these are structured and sung to the pentatonic scale similar to traditional music from East Asia. It provides an indication of cultural diffusion between East Asian culture and

Assamese culture in ancient times.

The history of music in Assam claims that it is a conglomeration of one thousand years old folk music tradition, about five hundred years old tradition of written drama-songs, nearly three hundred years old tradition of Indian classical music which started since Swargadeo Rudra Singha's rule (1696-1714), about one thousand years old history of composing charpyapadas and nearly two thousand years old raga-based classical music ojapali. Borgeet which is another form of Assamese classical music composed by Mahapurush Srimanta Shankardev and Madhabdev gave a new dimension to the area. Then in the sixteenth century (according to some 17th-century), Aajan Fakir (Sufi saint and poet Hazrat Shah Miran) came to Assam



Societal Spectra









Virendra K. Goswami

Societal Spectra

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Agri and Dairy Entrepreneurship and Rural Livelihood of the Sample Farmers in North 24 Parganas District, West Bengal

SAIKAT MAJUMDAR & DEBARATI MAJUMDAR BHOWMICK2

ABSTRACTW

The Agriculture sector plays an important role in the rural economy as well as in the socio economic development of rural households. It is the back bone of Indian economy and is the dominant sector in terms of employment and playing thwe significant role in sustaining the rural livelihoods of North 24 Parganas District. It has been recognized as an instrument to bring socio-economic transformation in rural areas. With the increasing population rural people are still facing the problem of unemployment. Agri and Dairy Entrepreneurship are the solutions to many economic problems like poverty and unemployment. It is the important pillar of rural development. Youth Society is the pillar of any development. For this development their active participation, dedication is required.

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TRADITIONAL FESTIVALS

Dean, School of Social Sciences & Humanities, USTM, Meghalaya

paired is one of the most important cultural tradition in our society. Ethnic identity in Northean is a term that is being frequently used today in political circles. But ethnicity is a new concept of acial science, first used by David Riesman in 1953. But the concept with them does not appear to be either precis or clear, the terms of ethnic identity give the impression of measuring different negs to different political people and in different context. In the context of the American society situation group normally minority groups, but in the expression "Ethnicity". The connotates of the minority is by and large absent. The meaning of the term "ethni" as found in the qualitard dictionaries give an indication of the lack of uniformity in respect of idea involved.

Assam the north eastern part of India has a colorful tradition having its various ethnic groups to these cultural traditions of Assam. The northern bank of Upper Assam originally known as "Kaliapani" has been contributing significantly along with the other parts of the state. Mosely, the other proups of this area. Ahom, Chutia, Kachari, Deori, Mising, Konch, Kalia, Kolonna its have various traditional beliefs, customs, festivals and ceremonies since unknown times. At traditional groups were known by their traditional beliefs and traditional culture of this area.

Since time immemorial various traditional festivals are celebrated by different ethnic groups in different time of this region. These traditional festivals have its own characteristics and greatly matributed to the greater Assamese culture. A varied number of tribes and tribal groups whatsa the region. They have their own destine culture, heritage of arts and crafts and entertaining toke stags. A major portion of the tribal habitat is hilly and forest areas. Tribal population is mainly destinating thirdly by clearing a field by Slash or burn method. Tribal groups of North has inside destinating thirdly by clearing a field by Slash or burn method. Tribal groups of North has inside destinating thirdly by clearing a field by Slash or burn method. Tribal groups of North has region a hold our cultural features which indicate their own traditional culture. In North East region a hold our cultural features which indicate their own traditional culture. In North East region a hold our cultural features of all the tribal women in the valley of Assam is weaving

Plato Bibu: A greater importance in present study: Dhakuakhana is a rural sub division of various elimic groups. It has a number of traditional festivals in customary and ritualisms succeed the "Phato Bibu" of Dhakuanakhana is an indegeneous form of traditional festivals of this beat in "Phato Bibu" of Dhakuanakhana is an indegeneous form of traditional festivals of this beat in "Phato Bibu" was observed every year spontaneously after the first week of Solar, Originally, "Phato Bibu" was observed every year spontaneously after the batt of the batt of the presently, it is observed in the later part of Bohag and Maghuli Chaperi on the batter part o

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Disability Social Worker to Enhance Effective Services Among the Differently Abled Person

Sangita Mahanta

Abstract: A disability social worker is a type of healthcare social worker who helps people with physical and mental disabilities copes with the challenges in their daily lives. The problems they face depend on the type of impairment and the severity of their disability. Disability social workers assist people in comprehending their diagnosis, and they support them in making lifestyle adjustments to accommodate their disability. Disability social workers can connect disabled individuals with the right support groups to help them manage their disability and live as independently as possible. This was an attempt to describe the scope of disability social worker in the larger society.

Key word: Social work, disability social worker

Introduction:

Disability is a contested concept and definitions have varied over history and according to social norms. There is considerable debate as to what disability is and who the disabled are. Later models of disability distinguished between the various components of disability and for the first time differentiated between the objective impairment, the resulting level of functioning (disability) and the social components that handicap the individual. Impairments can be physical, sensory and cognitive and also include physical, mental and chronic illness. The social model of disability emphasises the perspective that disability is created through structural barriers and is thus created by society while individual, medical models have viewed disability as something inherent in the person.

Background:

The World Health Organization (WHO) estimates that there are around 600 million persons with disabilities. Other estimates are at 650 million. These cover many types and degrees of impairments. The day to day life of around 25 per cent of the world's population is affected by disability. There is a strong correlation of impairment and ageing, hence it is estimated that the incidence of disability will rise. In the majority world the correlation of poverty and disability is well known. The history of how people with disabilities are treated is marked by marginalisation, discrimination, profound exclusion, and ultimate extermination. Throughout the

Assistant Professor, USTM, Meghalaya

Registrar University of Science & Technology, Meghalaya This book titled "Role of Biodiversity in promotion of Adventure tourism and entrepreneurship" contains some of the papers presented in the International conference (From 22-24th February, 2019) Corporation was organized by the Zoology department of Hojai College in collaboration with Indian Institute of Entrepreneurship in association with World Researchers' Association.







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ECO-TOURISM AND ITS PROSPECTS IN DHIR WETLAND, ASSAM.

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Introduction:

The Term ecotourism refers to the ecologically important and beautiful places with its tourist based management and income. Tourism has now a very big industry and its importance is increasing if the area is resourceful with natural beauty and historic evidences. As per international ecotourism society, "Ecotourism is a responsible travel to natural areas which conserves the environment and improves the well being of the local people" (TIES, 1990). Ecotourism reduces the adverse effect of tourism on nature and environment. It maintains the ecological balance between human society and nature.

Assam in Northeast India is the land of rivers and hills with large number National Parks, Wildlife Sanctuaries and Biosphere reserves. It has more than 950 wetlands known as beels are located nearby river Brahmaputra and Barak. The drainage system provides a huge biodiversity of Wildlife and landscape views on either bank of the rivers. Thus, it provides an ample opportunity for the people of Assam and its adjoining state for the

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