



International e-Conference

On

**'Organic Agro Movement for Sustainable Rural
Development and Quality of Life'**

Organized by

**Department of Geography and IQAC, Seva Bharati Mahavidyalaya,
Kapgari, Jhargram, WB, INDIA -721505**

Website- www.sbmahavidyalaya.com

Collaboration with

**UNESCO Gwangju Chonnam Association, KOREA
Associate Organizer**

**Tropical Institute of Earth and Environmental Research (TIEER),
Midnapur, WB, INDIA**

Date: 27 September 2021

Venue: Google meet

Sub-themes:

1. Agro determinates factors and Regional planning for Sustainable Rural development
2. Organic Agro Technology and its Implementation
3. Protein Farm and Ecofriendly Rural livelihood
4. Farm tourism & Rural Development
5. Agro forest-based industry and Sustainable Economic Development
6. Organic Nutrients Foods and Quality of Life

7. Ecosystem Restoration and Ecological home for Oxide meditation
8. Ago products and Green Entrepreneurship
9. Environment Management for Quality of Life

ORGANISING COMMITTEE

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Dr. Babulal Mahata, Ph.D, WBCS Exe. SDO, Jhargram Sub-Division and Administrator, S.B. Mahavidyalaya



Dr. Swapna Ghorai, Ph.D., Principal, Ramananda College, Bishnupur and Founder member, TIEER



Dr. Binay Chanda, Ph.D. Former IC, Vidyasagar University and President, TIEER



Dr. Koushik Chatterjee, Ph.D., Assistant Professor, Dept of Commerce, Sent Xavier's College, Kolkata, Member, TIEER.

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Dr. Shubhankar Patra, Ph.D., Assistant Professor, Dept. of Geography, Seva Bharati Mahavidyalaya.



Dr. Subhendu Ghosh, Asst. Teacher and Researcher & Executive Member, TIEER

Joint Convener:

Sri Ashis Ghosh, Faculty, Department of Geography, Seva Bharati Mahavidyalaya

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Sri Narasingha Das, Asst. teacher and Executive Member, TIEER



Dr. Chandan Karan, Ph.D., Faculty, Dept. of Geography, Seva Bharati Mahavidyalaya and Member, TIEER



Sri Bidhan Pratihari, Lab Assistant, Dept. of Geography

Official Secretary:

Sri Sarat Chatterjee, M.Sc student, and Member,
TIEER



Sri Snehasis Dey, B.Sc Student,(SEM-VI)
Dept. of Geography



Miss Meghamouli Danda, B.Sc.
Student(SEM-IV), Dept. of Geography



Sri Rajib Dey, B. Sc Student,(SEM-II),
Dept. of Geography

ADVISORY COMMITTEE



Prof (Dr.) Ashis Kr. Paul,
Ph.D., HOD, Department of
Geography and
Environment management., VU



Prof. (Dr.) Laxminarayan
Satpathi, Ph.D., Professor,
Dept. of Geography and



Director, HRDC, CU
Prof. (Dr.) Kanchan
Bhowmick, Ph.D., Organic
Agro Scientist and National Expert
on Sustainable, DAY-NRLM, MORD



Prof (Dr.) Gopal Krishna
Panda, Ph.D., Emeritus
Professor, Dept. of Geography, Utkal
University, Cuttak, Odisha



Dr. Jitendra Shukla, Ph.D.,
Associate Professor, Dept. of
Geography, Ranchi
University, Jharkhand



Dr. Narayan Chattapadhyaya,
Ph.D., Inviting Guest
Professor, Panskura Banamali

College (Autonomous) and Vice
President, TIEER



Dr. Pinaki Das, Ph.D.,
Associate Professor, Dept. of
Economics and Rural
Development, VU

OFFICIALS AND RESOURCE PERSONS



Inaugurator:- Professor
(Dr.) Amiya Kr. Panda,
Ph.D., Honorable Vice-Chancellor,
Sadhu Ram Chand Murmu
University, Jhargram, WB.

Chief Guest:-



**Prof. Mukul Basu, Vice
President, UNESCO
Gwangju Chonnam
Association, KOREA.**

Special Guest:-Prof.



**(Dr.) Kalyan Rudra,
Chairman, West Bengal
Pollution Control Board,
Kolkata**



Guest:- Swami
Vedapurushananda Maharaj,
Secretary, Jhargram
Ramakrishna Mission, WB

Guest:- Prof (Dr.) Ranjan Sen, Life
Member of Institute of Electrical
and Electronics Engineers(IEEE),
New York, USA and President,
Seva Bharati Society, Jhargram, WB



Guest:- Dr. Anupam Paul,
Ph.D., Dy. Director of
Agriculture, Department of
Agriculture, Govt. of West
Bengal.

RESOURCE PERSONS & SPEAKERS



Prof. (DR.) Rajendra
Uprety , **Ph.D.**, Former
chief Agribusiness
Promotion support and Training
centre and Senior Extension officer
at Regional Agriculture Director,
NEPAL.



Prof. (Dr.) Paritosh
Bhattachariya, **Ph.D.**, Ex. Addl.
Commissioner, INM, Ministry of
Agriculture, Govt. of India.



Prof. (Dr.) Bijoy
Chandra Ghosh , **Ph.D.**, Former
Agro Scientist , IIT, Kharagpur



Prof.(Dr.) G.M.Saifur
Rahaman, Ph.D ,Professor and
Chairman, Dept. of Materials
Science and Engineering, University
of Rajshahi, Bangladesh



Dr, Somnath Ghosal , **Ph.D.**,
Assistance Professor , Rural
Development Centre. IIT ,
Kharagpur, INDIA

OBJECTIVES AND VISION:

Organic cultivation and associates agricultural system that uses ecologically based pest controls and biological fertilizers derived largely from animal and plant wastes and nitrogen-fixing cover crops. Modern organic farming was developed as a response to the environmental harm caused by the use of chemical pesticides and synthetic fertilizers in conventional agriculture, and it has numerous ecological benefits. The concepts of organic agriculture were developed in the early 1900s by Sir Albert Howard, F.H. King, Rudolf Steiner, and others who believed that the use of animal manures (often made into compost), cover crops, crop rotation, and biologically based pest controls resulted in a better farming system. Howard, having worked in India as an agricultural researcher, gained much inspiration from the traditional and sustainable farming practices he encountered there and advocated for their adoption in the West. The demand for organic food was stimulated in the 1960s by the publication of *Silent Spring*, by Rachel Carson, which documented the extent of environmental damage caused by insecticides. As well as, Rural Development is the process of improving the quality of life and economic well-being of people living in rural areas, often relatively isolated and sparsely populated areas through Organic agro technology and practices. Rural Development has traditionally centered on the exploitation of land-intensive natural resources such as agriculture and forestry. The need for rural communities to approach development from a wider perspective has created more focus on a broad range of development goals rather than merely creating incentive for agricultural or resource based businesses. Education, entrepreneurship, physical infrastructure, and social infrastructure all play an important role in developing rural regions. Rural development is also characterized by its emphasis on locally produced economic development strategies. Rural development is a comprehensive term. It essentially focuses on action for the development of areas outside the mainstream urban economic system. Other hand, Quality of life (QOL) is the degree to which an individual is healthy, comfortable, and able to participate

in or enjoy life events. Standard indicators of the quality of life include wealth, employment, the environment, physical and mental health, education, recreation and leisure time, social belonging, religious beliefs, safety, security and freedom. Rural population (% of total population) in India was reported at 65.07 % in 2020. Over 70 per cent of the rural households depend on agriculture. Agriculture plays a vital role in the Indian economy. Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. As well as, The Jhargram District is the 22nd District of West Bengal which is located in Geospatial region, known as Jungle Mahal. The District consists of eight blocks and one Municipality. Over 85% peoples are rural people those are depending on agriculture also forest. Undulating land surface, Hilly area, Infertile Lateritic soils, insufficient rainfall and water sources are the prominent natural constraints to develop of Agriculture and side by side it is only one crop production area. As result, Food crisis, Food insecurity, Malnutrition as well as Quality of life is very poor. The Department of Geography and Tropical Institute of Earth and Environmental Research are jointly involving to build to Sustainable Rural development in Regional level through Organic Agro Technology for societal development also improvement of quality of life among Ancient past fringe people in the Jhargram District during the last 5 years, specially Pandemic COVID-19 period.

Our vision is the sustainable economic development of poor and needy people specially ancient marginal people in the rural area through Organic agro education, Technology, training and capacity building for quality of life among villagers from Local to Global. Empowerment of women by way of their group formation, capacity building, skill up-gradation and sustainable livelihood to create for self-sufficient economic status and encourage to promoting economic upliftment of the small and marginal farmers including dairy farmers by improving their farm management practices, facilitating fair & transparent procurement activity and providing market linkages for remunerative pricing. The Organic Agro Technology and its implementation will be created employment opportunities for youths through training,

capacity building and skill up gradation and also build capacity of the villagers for taking up infrastructure development works in their villages like rural roads, housing, drinking water, sanitation etc.

DEPARTMENT OF GEOGRAPHY:

The Department was established in 2005-2006. Initially it was opened with Geography as a combination subject with B.A/B.Sc general course. Later on, Geography (Hons.) was introduced in the year of 2007. As well, the Department has been performing as regional planning and research consultant authority to Environment management, Ecotourism, Sustainable Agricultural practices in the different Government and Non-Government sector for the Sustainable Rural Development and also societal development in the District. Faculty and students are participated and performed in different events in different Govt. and Non-Govt. Programme. It has produced many genius and excellent academic students who attained various respectable positions in academics and Organization or Non-Organization sectors as well

ABOUT THE COLLEGE

Seva Bharati Mahavidyalaya, a dream-project of Prof. P.K.Sen, is dedicated to the service of the nation through dissemination of higher education for more than fifty five years. The College is situated at Kapgari in the South Western fringe area in Jhargram District of West Bengal. The wonderful atmosphere created by the lush greenery, pollution-free environs, excellent infrastructural facilities, well-qualified and dedicated faculty, and surely, the efficient and liberal administration, have together acted as vital ingredients in the making this Mahavidyalaya par excellence. It comes under the 'Queen of Jungle Jhargram forest area' a linguistically varied and culturally-diversified area, which is populated mostly by the tribal people, and

splendidly enriched with their living and throbbing art and culture. The progress of a nation has to be backed by several strong fundamental factors of which education is of vital significance. Seva Bharati Mahavidyalaya is slowly but steadily marching forward with the objective of creating global citizens who would make India proud. At Seva Bharati Mahavidyalaya our focus is on nurturing this enormous intellectual power into a cohesive force that can penetrate through the strongest of barriers. We look ahead with optimism that the future is only going to get better and better. We have an exciting and challenging task ahead.

ABOUT THE UNESCO GWANGJU CHONNAM ASSOCIATION, KOREA

The United Nations Educational, Scientific and Cultural Organization (UNESCO) was founded in 1945 as the successor to the League of Nations' International Committee on Intellectual Cooperation. Its constitution establishes the agency's goals, governing structure, and operating framework. UNESCO's founding mission, which was shaped by the Second World War, is to advance peace, sustainable development and human rights by facilitating collaboration and dialogue among nations. It pursues this objective through five major program areas: education, natural sciences, social/human sciences, culture and communication/information. UNESCO sponsors projects that improve literacy, provide technical training and education, advance science, protect independent media and press freedom, preserve regional and cultural history, and promote cultural diversity. Since the adoption of its Constitution, UNESCO has sought to collaborate with civil society partners such as NGOs for the implementation of its activities and programmes. Over the years, UNESCO has built up a valuable network of cooperation with NGOs having expertise in its fields of competence, i.e. education, natural science, social and human sciences, culture, communication, and information. UNESCO Gwangju Chonnam Association, Korea is the one reputed and renewed association. It has been working on social - Human science, education, culture from the ethical and valuable side of UNESCO for improvement of Quality of Life.

ABOUT THE TIEER

Tropical Institute of Earth and Environmental Research (TIEER), Midnapur, WB INDIA is an Academic and Environmental Research Organization that was established in 2007. The Organization has been performing as planning consultant authority for environment management and regional sustainable development through intensive field surveys, research, and innovative methods. The organization has adopted an Ancient people's village in Jhargram District which name is Jamdohori, Jamboni during Pandemic COVID-19 for Sustainable rural development through Organic agro practices to sustainable economic development and improvement of quality of life. The Organization is conducting Green and environmental Audits in different academic institutions (Universities and colleges). The organization has arranged and performed many environmental management programme, such as plantation, plastic management practices, water conservation, and environmental awareness, etc. throughout the year from environmental ethics and social responsibility for the development of society, It also has been arranging different Workshops, Seminars, and Symposiums, etc. at various places among students and local communities.



International E-Conference

REPORT, 2021



UNESCO
Gwangju Chonnam
Association, Korea



International E-Conference

On 'Organic Agro Movement for Sustainable Rural Development and Quality of Life'



27th September, 2021



1st Half 10:00 am -12 noon (IST)
2nd Half 2:00 pm - 4:00 pm (IST)

Organized by

Department of Geography and IQAC
Seva Bharati Mahavidyalaya
Kapgari, Jhargram, WB, INDIA -721505

Collaboration with

UNESCO Gwangju Chonnam Association, KOREA

Associate Organizer

Tropical Institute of Earth and Environmental Research (TIEER)
Midnapur, WB, INDIA

Click on the Link for Registration

<https://forms.gle/PYj7XRd6oXzgBEaA8A>

Last Registration Date -24.09.2021

REGISTRATION IS FREE FOR ALL :: E-CERTIFICATES WILL BE PROVIDED :: CONFERENCE DOCUMENT & REPORT BOOK WILL BE PUBLISHED

Platform



SUB-THEMES

- 1. Agro Determinates factors and Regional Planning for Sustainable Rural Development**
- 2. Organic Agro Technology and its Implementation**
- 3. Protein Farm and Eco friendly Rural livelihood**
- 4. Farm Tourism & Rural Development**
- 5. Agro Forest-based Industry and Sustainable Economic Development**
- 6. Organic Nutrients Foods and Quality of Life**
- 7. Ecosystem Restoration and Ecological home for Oxide meditation**
- 8. Agro Products and Green Entrepreneurship**
- 9. Environment Management for Quality of Life**

OBJECTIVES & VISION

Organic cultivation and associated agricultural system that uses ecologically based pest controls and biological fertilizers derived largely from animal and plant wastes and nitrogen-fixing cover crops. Modern organic farming was developed as a response to the environmental harm caused by the use of chemical pesticides and synthetic fertilizers in conventional agriculture, and it has numerous ecological benefits. The concepts of organic agriculture were developed in the early 1900s by Sir Albert Howard, F.H. King, Rudolf Steiner, and others who believed that the use of animal manures (often made into compost), cover crops, crop rotation, and biologically based pest controls resulted in a better farming system. Howard, having worked in India as an agricultural researcher, gained much inspiration from the traditional and sustainable farming practices he encountered there and advocated for their adoption in the West. The demand for organic food was stimulated in the 1960s by the publication of *Silent Spring*, by Rachel Carson, which documented the extent of environmental damage caused by insecticides. As well as, Rural Development is the process of improving the quality of life and economic well-being of people living in rural areas, often relatively isolated and sparsely populated areas through Organic agro technology and practices. Rural Development has traditionally centered on the exploitation of land-intensive natural resources such as agriculture and forestry. The need for rural communities to approach development from a wider perspective has created more focus on a broad range of development goals rather than merely creating incentive for agricultural or resource based businesses. Education, entrepreneurship, physical infrastructure, and social infrastructure all play an important role in developing rural regions. Rural development is also characterized by its emphasis on locally produced economic development strategies. Rural development is a comprehensive term. It essentially focuses on action for the development of areas outside the mainstream urban economic system. Other hand, Quality of life (QOL) is the degree to which an individual is healthy, comfortable, and able to participate in or enjoy life events. Standard indicators of the quality of life include wealth, employment, the environment, physical and mental health, education, recreation and leisure time, social belonging, religious beliefs, safety, security and freedom. Rural population (% of total population) in India was reported at 65.07 % in 2020. Over 70 per cent of the rural households depend on agriculture. Agriculture plays a vital role in the Indian economy. Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. As well as The Jhargram District is the 22nd District of West Bengal which is located in Geospatial region known as Jungle Mahal. The District consists of eight blocks and one Municipality. Over 85% peoples are rural people those are depending on agriculture also forest. Undulating land surface, Hilly area, Infertile Lateritic soils, insufficient rainfall and water sources are the prominent natural constraints to develop of Agriculture and side by side it is only one crop production area. As result, Food crisis, Food insecurity, Malnutrition as well as Quality of life is very poor. The Department of Geography and Tropical Institute of Earth and Environmental Research are jointly involving to build to Sustainable Rural development in Regional level through Organic Agro Technology for societal development also improvement of quality of life among Ancient past fringe people in the Jhargram District during the last 5 years, specially Pandemic COVID-19 period. Our vision is the sustainable economic development of poor and needy people specially ancient marginal people in the rural area through Organic agro education, Technology, training and capacity building for quality of life among villagers from Local to Global. Empowerment of women by way of their group formation, capacity building, skill up-gradation and sustainable livelihood to create for self-sufficient economic status and encourage to promoting economic upliftment of the small and marginal farmers including dairy farmers by improving their farm management practices, facilitating fair & transparent procurement activity and providing market linkages for remunerative pricing. The Organic Agro Technology and its implementation will be created employment opportunities for youths through training, capacity building and skill up gradation and also build capacity of the villagers for taking up infrastructure development works in their villages like rural roads, housing, drinking water, sanitation etc.



SEVA BHARATI MAHAVIDYALAYA

(A multi-faculty college affiliated to Vidyasagar University and funded by UGC & Govt. of W.B.)

Vill. & P.O.-Kapgari: Dist.-Jhargram (W.B.): Pin.-721 505

Website: www.sbmahavidyalaya.in :: Email.: sbm.kapgari@rediffmail.com

Contact Nos: 9433122259//9883059482

Message from the Principal

I am happy to know that Department of Geography and IQAC, Seva Bharati Mahavidyalaya, in collaboration with UNESCO Gwangju Chonnam Association, Korea & Tropical Institute of Earth and Environmental Research (TIEER), Midnapur, WB, India, are going to organize an International E-Conference on “Organic Agro Movement for Sustainable Rural Development and Quality of Life” on 27 September 2021. The theme of the e-Conference is highly pertinent in this hour of global ecological crisis and environmental degradation. I am hopeful that the students and stakeholders of Seva Bharati Mahavidyalaya will be immensely benefitted by this opportunity to interact with a galaxy of nationally and internationally acclaimed resource persons, experts and scientists.

I convey my warm thanks to the organizers and resource persons, and wish a grand success of the e-Conference.

Prof. (Dr.) Deba Prasad Sahu

Principal & Chairman

Dr. MANAS RANJAN BHUNIA
MINISTER-IN-CHARGE



Government of West Bengal
**Water Resources Investigation &
Development Department**
Khadya Bhawan, Block-A, 5th Floor
11A, Mirza Ghalib Street, Kolkata-700 087
Tel. No. : (033) 2252 0023 (O)
Fax No. : (033) 2252-0558 (O)

Message

Date: 20.09.21

It is a matter of pleasure that Department of Geography, Seva Bharati Mahavidyalaya is going to organize International E-Conference on 'Organic Agro Movement for Sustainable Rural Development and Quality of Life' in association with UNESCO Gwangju Chonnam Association, Korea and Tropical Institute of Earth & Environment Research on 27th September, 2021. I feel honoured for having been invited to attend such a philanthropic conference.

I convey my best wishes to all of the organizers and dignitaries present in the conference and wish it a grand success.

Manas Bhunia
(Dr. Manas Ranjan Bhunia)

Dr. Pranab Sahoo & Dr. Subhankar Patra
Organizing Secretary & Convener



Eco-friendly, organic Farm with Universal Resort for Rural and Tribal Tourism

- A. What are the problems of city life or modern life style ?
 B. What are the merits can be found for Resorts with Rural/Tribal villages?

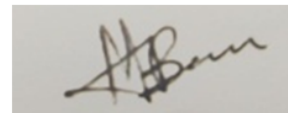
1. Mechanical lifestyle where mechanics control human. Auto bike, car makes our life without physical works. Computer ,laptop and hand phone makes us hours after hours to continue to sedentary life style hours after hours till late night. Makes us sleepless and causes migraine. In somonia hang such life leads to Anxiety, depression. Finally they lead to mental and physical problems. We can't get rid off Modern life but some alter natives must be there for Balancing our lifestyle .Many of you are aware that how the Education Quality has been sifting as the the modernization are moving towards well being lifestyle

2. How can we compare "Achar" and "Ice cream" when it comes to poem and songs they all unique in their own ways. One has to open the eyes and heart to accept the fact that other's cultures are also unique equally import to others. Therefore accepting others culture by appreciating and enjoying other cultures.is what I call enlighten cultural being. Being Indian coming to Korea carrying all Indian foods and going to Indian Restaurant and not trying to taste Korean food, makes no sense to travel overseas. You need yam identity for sure for yam overall happiness and health. But by accepting, appreciating and helping others to live well with their culture makes you great. In other wards makes your own Religion, Nation, Race, Tribe, Society great. How do you develop this C.Q. only by expanding your Mind. So that means Mind Quality is more important. How to cultivate mind? The more we go away from Nature mind becomes' dull.so from city life to nature life. The Reach people who lives in city has Farmhouse to escape. How about common people? Where will they go? In western world Caravan, Rolling house, House truck takes them to nature. The country has prepared parking area for such people with water, electricity, gas etc. facilities. so in the same way if our rural community and Tribal villages can provide such facility or home stay or Group stay at organic farm, Eco Park, The tourism will grow like anything. City people will be benefited. That was like a heaven on Earth for them away from City. I think Environment Management is directly related to create Awareness of amongst the common people. Why they should go for Organic foods, how veganism can help the Global Warming the needs of Non GMO products, how to heal the Body, mind and spirit by learning yoga and meditation etc. I would not stay that there is nothing to leave from other parts of the world. We need to exchange each other to learn for well being lifestyle.

So the cross cultural Awareness will lead us to have a better well being life. Under these CCAP program of UNESCO goes beyond the pride of one's own culture. The motto is to establish the seed of peace(

UNESCO introduction). I think when it comes to locate and track the traditions and Ancient way of life we can find the true well being life may be I need to explore a little bit of what is "Real well being life?". Happy and healthy and peaceful life .I have everything for me but when I see unhappy people in any where in the world starting from my family to neighborhood to village to my country to the world.Such happiness can be called "Real Happiness" which I will like to call "Anand". Anand is not enjoyed alone "It is collective happiness!". What is "collective happiness?" The happiness of every being for my existence. Animate and inanimate world Every living being and nonliving beings has to have a blissful life full of "Anand". If I walk to a river and sit under a tree on the soil or sit on a mountain, my presence there should be matter of happiness and pleasure for all being . Only if I love and care the nature and share with all that universal love just the way all mother does to their child and animals do for their child with that feeling of love. It is not a matter of talking or thinking but in everyday life practice. It is our duty to love and care our mother nature. Soil pollution, water pollution, deforestation etc. All are due to our wrong actions. How many of us are aware of such thing? When my heart acts and care for nature that Will lead me to love nature. So that when I sit for meditation under the tree along the How can we compare achar and ice cream when is comes to poem and songs they are all unqnic in their own wans . One has to open the eyes and heart to accept to fect that other's cultures are also unique equally important to others. There fore accepting others culture by appreciating and enjoying other caltares is what I call enlighten cultural being being Indian coming to korea carrying all Indian foods and gaing to Indian Restaurant and not trying taste korean food , makes no sance to travel over seas . You need yang identity for over all happiness and health .But by accepting appreciating and helping others to live well with their culture makes you great In other wards makes your own Religion , Nation , Race , Tried Society great.

How do you developed this C.Q . Only by expending your ming. so that means mind Quality is more Important how to cultivate mind ? The more we go away from nature life . The reach people who lives in city has farmhouse to escape . How about common people ? Where well they go ? In western would caravan, Rolling House , house truck take them to nature . The country has prepared parking area for such people with water , Electricity , Gas etc. facilities . So in the same way if our Rural community and tribal village can provide such facility or home stay or group stay at organic farm, Eco park the tourism will grow like anything . City people will be benefited.



Prof. Mukul Basu
Founder and Former President
Universal Cultural Center



UNESCO

UNESCO Gwangju Jennam Association,
KOREA, Vice President,
Tel, 062-223-2840

Dr. Kalyan Rudra
Chairman

West Bengal Pollution Control Board
(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan
10A, Block-I A, Sector-III, Beliaghata, Kolkata - 700 106
Tel.: 2335-5975, Fax: 0091-613-2335-2813
E-mail: chairman@wbpcb.gov.in



ডঃ কল্যাণ রুদ্র
চেয়ারম্যান

পশ্চিমবঙ্গ দূষণ নিয়ন্ত্রণ পর্ষদ
(পরিবেশ মন্ত্রক, পশ্চিমবঙ্গ সরকার)

পারিবেশ ভবন
১০-এ, ব্লক-এন, ৩, সেক্টর-৩, বেলিঘাটা, কলকাতা-৭০০ ১০৬
ফোন : ২৩৩৫ ৫৯৭৫, ফ্যাক্স : ০০৯১-৬১৩-২৩৩৫-২৮১৩

Memo No. CHN/89/2021

Date : 13.09.2021

To
Dr. Pranab Sahoo
Assistant Professor
Department of Geography
Seva Bharati Mahavidyalaya
Kappari, Jhargram

Dear Dr. Sahoo,

I was invited to participate in the International E-Conference on 'Organic Agro Movement for Sustainable Rural Development and Quality of Life', scheduled to be held on 27.09.2021 at the Online Platform

I regret to express my inability to attend the same due to some urgent official commitment.

I agree that the topic chosen for the discussion is very important. I would be happy to attend the same. However, I wish the seminar a grand success.

With best wishes,

Yours sincerely,

(Kalyan Rudra)
Chairman

Professor Sibaji Pratim Basu
Vice-Chancellor
Vidyasagar University
Midnapore - 721102



VIDYASAGAR UNIVERSITY

Date: 22.09.2021

MESSAGE

I am happy to learn that the Department of Geography and IQAC of Seva Bharati Mahavidyalaya, Kaggari, Jhargram are going to jointly organize an International E-Conference on *Organic Agro Movement for Sustainable Rural Development and Quality of Life* to be held on 27th September, 2021.

I commend the collective endeavour of all concerned and hope that the deliberations in the E-Conference will definitely be enriching to all the participants.

I convey my best wishes on the occasion.

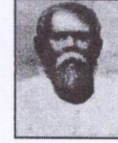
(Professor Sibaji Pratim Basu)

Dr. Pranab Sahoo,
Assistant Professor and Head of the Department,
Department of Geography,
& Organizing Secretary, International E-Conference,
Seva Bharati Mahavidyalaya,
Kaggari,
Jhargram – 721 505



Prof. Amiya Kumar Panda
Vice-Chancellor
Sadhu Ram Chand Murmu
University of Jhargram
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Mobile : +91 9433347210
Phone : +913221 299915
Website : www.srcmu.org



Date: September 24, 2021

Message

It is matter of pleasure that Department of Geography, Seva Bharati Mahavidyalaya, Kapgari, Jhargram is going to organize International E-Conference on 'Organic Argo Movement for Sustainable Rural Development and Quality of Life' in collaboration with UNESCO Gwangju Chonnam Association, KOREA and Tropical Institute of Earth and Environmental Research (TIEER) on 27th September, 2021.

I convey my best wishes to all of this organizers and galaxy of dignitaries present in this Conference and wish it a grand success.

Amiya Kumar Panda 24/09/2021
Prof. Amiya Kumar Panda

Vice-Chancellor
Prof. Amiya Kumar Panda
Vice-Chancellor
Sadhu Ram Chand Murmu
University of Jhargram
Jhargram-721507
West Bengal, India



Prof. L. N. Satpati
Director

UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
(HRDC)
(Formerly UGC-Academic Staff College)
University of Calcutta

92, Acharya Prafulla Chandra Road, Kolkata-700009
Phone: 033-2351 9754 (Direct), 033-2350 8386: Extn. 291
Email: directorcuhrdc@gmail.com



ज्ञान-विज्ञान विमुक्तये

Ref. SBM/Msg./2021-22/01

15 September, 2021

Message

I am glad to know that an International E-Conference on 'Organic Agro-Movement for Sustainable Rural Development and Quality of Life' is going to be organised by the Department of Geography and IQAC, Seva Bharati Mahavidyalaya (SBM), India in collaboration with UNESCO Wangju Jennam Association, Korea and Tropical Institute of Earth and Environmental Research (TIEER), India on 27 September, 2021. The topic appears to be very exciting as it has worldwide contemporary relevance.

I am aware that SBM and TIEER have been doing great jobs to promote sustainable rural development through various participatory welfare activities at grass-root level. This e-conference also will provide the platform for serious discussions, like its previous editions organised by the college, and will definitely encourage the researchers as well as activists to find better solutions to the problems associated with agriculture and allied sectors.

I wish the conference a grand success. Let me convey my heartfelt congratulations, in advance, to the organizers.

Thanks and regards,

[L. N. Satpati]

Professor and Director,
UGC-Human Resource Development Centre
University of Calcutta, India
Mob./ WhatsApp: 9433107963

To

Dr. Pranab Sahoo

Head, Department of Geography,

Seva Bharati Mahavidyalaya

Secretary, TIEER, and Organizing Secretary, International E-Conference on

Organic Agro-Movement for Sustainable Rural Development and Quality of Life

M.S. SWAMINATHAN RESEARCH FOUNDATION

M.S. Swaminathan
Founder Chairman
Ex-Member of Parliament (Rajya Sabha)



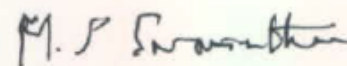
MESSAGE

Ref:: MSS/RM/ 13 September 2021

Thank you very much for your kind letter informing about the E-conference on Organic agro movement for sustainable development and quality of life. I wish the conference great success.

With warm regards,

Yours sincerely


M S Swaminathan

(Mail to Scientist Kanchan Kumar Bhowmik, Advisory member of e-Conference organizing committee on 13/09/2021)

MANI LAL BHAUMIK
Scientist and Inventor of Laser Ray
Los Angels, USA



12/09/2021

MESSAGE

"Wonderful to hear that you are organizing a global conference on such an essential topic. Wishing a great success! "

Regards,

Mani Bhaumik

12/09/2021

(Mail to Scientist Kanchan Kr. Bhowmik)



Ramakrishna Mission Ashrama

(A branch centre of Ramakrishna Mission, Belur Math)

Satyaban Pally, Jhargram, West Bengal, 721507, India

Phone : 03221 - 256-010, Email : jhargram@rkmm.org

Message

The International E-Conference on Organic Agro Movement for Sustainable Rural Development and Quality of Life organised by the Department of Geography and IQAC, Seva Bharati Mahavidyalaya, Kaggari, Jhargram comes at a right time when the deadly corona virus pandemic sweeping across the globe has made all of us painfully aware of the fragility of our existence on this Earth, introspect deeply on the intent and consequences of all our actions and urgently take corrective measures.

The conference stresses on three important touch points vital for the survival of Human Civilization, namely, Organic, Sustainability and Quality of Life. It is pertinent to recall that our ancient Vedic Civilization also stressed on these same principles. The Vedic world view was all-inclusive, syncretic and took a wholesome approach to the life on earth. And these values should once again find common currency.

Swami Vivekananda, the patriot monk of India observed, "*All the wealth of the world cannot help one little Indian village if the people are not taught to help themselves. The new order of things is the salvation of the people by the people.*"

We hope that the knowledge produced in these deliberations reaches our common masses and help improve their quality of life. Our best wishes and prayers for the success of this Conference.

Jhargram

14.09.2021

(Swami Vedapurushananda)

Secretary
Ramakrishna Mission Ashrama
Satyabanpally, Jhargram, W.B.-721507



DR.BINOD CHOWDHARY

Vice- Principal

Seva Bharati Mahavidyalaya ,Kapgari- Jhargram , WB.INDIA

Binod.sbm@gmail.com

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MESSAGES

I am glad to know that International E-conference on "Organic Agro Movement for Sustainable Rural Development and Quality of life" organised by Department of Geography and IQAC, Seva Bharati Mahavidyalaya in collaboration with UNESCO Gwangju Chonnam Association, Korea and Associates organiser Tropical Institute of Earth and Environmental Research (TIEER) to be held on 27 September 2021.

Warm Greetings to all Honourable Officials, respected national, international academicians, researchers, students & other galaxy of dignitaries here in this Online e- Conference..

Also I convey thanks and best wishes to the organiser for the same. I am sure that some interesting valuable suggestions and further informative outcome will gain for necessary knowledge on that topic.

I hope the E-conference will be grand success.

With Regards

DR. BINOD CHOWDHARY



Tropical Institute of Earth and Environmental Research (TIEER)

DR BINOY KUMAR CHANDA
FORMER INSPECTOR OF COLLEGES, V.U.
PRESIDENT, TIEER.



MESSAGE

I am glad to know that one day International E-conference on "Organic Agro Movement for Sustainable Development and Quality of life" organised by Department of Geography Seva Bharati Mahavidyalaya in collaboration with UNESCO Gwangju Jennam Association, Korea and Associates Organiser Tropical Institute of Earth and Environmental Research (TIEER) to be held on 27 September 2021.

I on behalf of the TIEER convey my best wishes with warm congratulations to all honorable Speakers, Participants, Teachers and students for their cordial presence in the E- conference. Also I convey thanks and best wishes to the organiser for the same. I am sure that some interesting valuable suggestions and further informative outcome will gain for necessary knowledge on that topic.

I hope the E-conference will be grand success.

With Regards.

B. K Chanda.



Prof. Kanchan Kumar Bhowmik

National Advisor (NRP-LH), DAY-NRLM, Ministry of Rural Development, Govt. of India

E-mail: kanchanbhowmik01@gmail.com

Phone : (+91)-9153256780



KEY MESSAGES

Welcome to all respected academicians, researchers, students & other dignitaries here in this platform /E-Conference on Organic Agro Movement for Sustainable Rural Development & Quality of Life.

Now, the time comes to rethinking this burning issue.

According to the World Health Organization (WHO) defines Quality of Life "an individual's perception of their position in life in the context of the culture and value systems in which they live and in relation to their goals, expectations, standards and concerns".

Here, one think if we assure our each plate should be free from poison/chemically harmful of heavy metals then all problems will be solved automatically like climate change, health immunity & other global issues.

Best Regards

Prof. Kanchan Kumar Bhowmik



Seva Bharati

P.O. - Kaggari, Dist. - Jhargram
West Bengal, PIN - 721 505

[A society for Education, Integrated Area Development and Social Change]

From:
Ranjan K Sen, Ph.D.
President, Seva-Bharati
Life Senior Member, IEEE

Message

I wish success to the International E-Conference on Organic Agro Movement for Sustainable Rural Development and Quality of Life organized by the Department of Geography and IQAC, Seva-Bharati Mahavidyalaya, Kaggari, Jhargram in collaboration with UNESCO Wangju Chonnam Association, Korea along with associate organizer TIEER, Midnapur, WB, India.

The general theme of organic sustainability and quality of life with several sub-themes is long overdue for real economic self-sufficiency of our villages and masses of hard working people in the rural communities across the globe.

As the President of a historic society of Seva-Bharati I am overwhelmed with the effort of our Mahavidyalaya. The leadership of organizing such a conference is very commendable and praise worthy. It is in tune with the long cherished dream of the founder of Seva-Bharati. This is also the vision of the IEEE Smart Village of sustainable development with Energy, Education and Entrepreneurship.

My best wishes and prayers for the success of this Conference.

Ranjan K Sen
President, Seva-Bharati
Life Senior Member, IEEE

Wednesday, September 22, 2021
Sammamish, Washington, USA
<https://smartvillage.ieee.org/education/seva-bharati-india/>





Seva Bharati

*P.O. - Kapgari, Dist. - Jhargram
West Bengal, PIN - 721 505*

[A society for Education, Integrated Area Development and Social Change]

From:
Anulina Sen and Eirik Omlie
Seva-Bharati
Life Members

We wish the International E-Conference on Organic Agro Movement for Sustainable Rural Development and Quality of Life great success this year. Our gratitude goes to the Department of Geography and IQAC, Seva-Bharati Mahavidyalaya, Kapgari, Jhargram in collaboration with UNESCO Wangju Chonnam Association, Korea along with associate organizer TIEER, Midnapur, WB, India, for organizing this event.

As life members of a historic society of Seva-Bharati, we are very thankful for the effort of our Mahavidyalaya.

The theme of organic sustainability and quality of life can create economic self-sufficiency of our villages and masses of hard working people in the rural communities across the globe.

Our deepest support goes to this important conference.

NinaSen

Anulina Sen and Eirik Omlie
Seva-Bharati
Life Members

September 24, 2021
Kailua, Hawai'i USA

Dr. PARITOSH BHATTACHARYYA [M.Sc (Ag), Ph.D]

Ex-Director - National Centre of Organic Farming
National Biofertiliser Development Centre

Ministry of Agriculture, Govt of India

Ex-Commissioner (INM) - Krishi Bhawan, New Delhi.

and

Ex-Professor and Director,

Amity Institute of Bio-Organic Research and Study (AIBORS)

Amity University, Noida, Uttarpradesh

Ex-National Coordinator FAO - Project on Organic farming

Address

30/53/C, Attapara Lane,

P.O : Sinthee, Kolkata - 700 050

Phone - 033 2558 1836

Mobile : 9051915839, 09891951139

E-mail : paritoshb21@gmail.com

MESSAGE

Date 27.9.21

I am happy to know that Department of Geography and IQAC, Seva Bharati Mahavidyalaya, Kapargari, Jhargram, WB, India in collaboration with UNESCO Gwangju Chonnam Association, Korea and Tropical Institute of Earth and Environmental Research (TIEER), Midnapur, W.B. is organizing One day International E-conference on "Organic Agromovement for Sustainable Rural Development and Quality of Life" on September 27, 2021.

The indiscriminate use of chemical fertilizers has deteriorated the agro-eco system badly. This situation has compelled us to switch over organic farming to cultivate valuable crops for healthy and safer foods. The pesticide use in agriculture is now a threat. Against this backdrop, many farmers are cultivating organic produce successfully, but still it has to get a momentum.

Viewed in above perspective, such type of conference is always beneficial for scientists, farmers and policy makers. I wish a grand success of this International E-conference on organic agromovement.

P. Bhattacharyya
(P. Bhattacharyya)



RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin – 722122, West Bengal

UGC Recognized & State Government Aided Constituent College

Under Bankura University

(Accredited by NAAC at 'B++' Level)

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e-mail-principal@ramanandacollege.org

Website-www.ramanandacollege.org

Dr. Swapna Ghorai

Principal

Ramananda College

Bishnupur, Bankura

Mobile No. – 9434509415

E-Mail – principalramananda@gmail.com

Ref. No.

Date- 24-09-2021

I am extremely glad to know that a one day International E-conference on "Organic Agro Movement for Sustainable Development and Quality of Life" is being organised by the Department of Geography, Seva Bharati Mahavidyalaya, in collaboration with UNESCO Wangju Chonnam Association, Korea and Associates organiser Tropical Institute of Earth and Environmental Research (TIEER), to be held on 27 September 2021.

I express my best wishes to all honorable speakers, participants, teachers and students, who are going to participating in the E- conference. I further convey thanks and best wishes to the organiser of the conference. I am certain that the E-conference will see some very interesting and valuable suggestions and contributions made towards furthering knowledge on the subject.

I wish the E-conference a grand success.

(Dr. Swapna Ghorai)

Principal

Ramananda College

Bishnupur, Bankura



Dr. Chandan Karan

M.A., M.Ed.,MSW, Ph.D.,
Faculty, Dept. of Geography,
Seva Bharati Mahavidyalaya and Member, TIEER

drchandankaran@gmail.com



**A practical review of agricultural practices and land use in Purba
Medinipur District in the context of the need for organic farming
methods**

In the present social context, the most challenging issue for us is how to sustain the environment by using organic farming practices and proper land use in a spatial allocation? Because in the present context there is such a difference between demand and supply to the people that we all do not hesitate to go in the wrong direction, so in the current situation we are taking various negative steps in agricultural work as a complement to our basic needs. As a result, our current society and the next generation is in danger. From one of my research papers I am trying to give a brief idea of the problems and solutions related to the use of agricultural land in Purba Medinipur. That special location is Purba Medinipur district of West Bengal in India. This district is geographically located between 21° 36' 35" N to 22° 57' 10" N and 86° 33' 50" E to 88° 12' 40" E. Total area of the district is 4736sq km (1829 sq mile) or 430140 lakh hector. The southern tracks of Purba Medinipur district is Coastal plain area which situated very near to sea shore and also sea level, its situated 1-7m above the sea level. As a result, saline water enters through river and channels due to little rainfall and heavy magnitude of tide and beside these cyclone and low pressure created in the Bay of Bengal also flooded these areas and make the situation more critical. Thus this salt intrusion, coastal erosion, sand dune shifting, coastal flood and water logging etc. are decreasing all the activities related to agriculture and agricultural land use. As per census of India (2001) the Purba Medinipur district has 44.17 million people on 817830 households who are approximately 45.6% of the total population of the district spreads across in the Younger coastal zone, 31.9% in Estuarine floodplain zone and 22.5% in Mature deltaic zone. The North eastern tracks of Purba Medinipur district are formed under the deltaic estuarine flood plain environment of Rupnarayan River, Haldi River and Hoogly River was subsequently modified by tidal process. A little likes 'Wide Caldron' as a result the drainage system is not so developed. As a result, it causes the stagnation of Water logging problem in this area due to little and heavy rainfall. Seasonal floods are occupied this region. By the intensive research and field investigation, Under the total geographical area of Purba Medinipur district 42% area comes under the coastal affected with

saline soil. Western part of Purba Medinipuris form under the older (Mature) delta plain environment of Subarnarekha, Keleghai, Kasai and Silai Rivers. Gradually decreasing the river channel depth due to deposited sand-silt-clay from the carried out by the channel and also the eroded bank materials are occurring the flood condition of this region. And also huge of time of water logging situation are the more extension area indicate of Declining soil fertility. By the intensive research and field investigation, Under the total geographical area of Purba Medinipur district 39% area marked by flood with waterlogged effected low land. But another side, due to rapid population growth, population pressure prays for food, health and socio economic development through the gradation of daily life style. Primarily, this situation must be fulfilling by the system of agriculture and also agricultural land use. These causes of the habited people are engaged for the change the land use practices. As a result, agricultural land use is rapidly changed. Changing nature of agricultural practice is shown this study area. Day by day agricultural field being converted to fishing land in which agricultural land converted to pisciculture land, agricultural land converted to horticulture land, agricultural land converted to floriculture land etc. and another part of agricultural land are occupied by industrialization, and urbanization. So last of all agricultural lands are under the more and more determined. It is a fact that recent the land use of agricultural practice is very much harmful for environment and also human society. Due to geomorphic negative influence on agricultural land use and more increasing the agricultural product, farmers changes their agricultural practices and also use the commercial fertilizer and very dangerous pesticides. As a result, degradation of Soil health, degradation of agro production, degradation of ecosystem with biodiversity. So, it demands proper planning and policy though out the agriculture and agricultural land use through organic agro land use practices can be developed in time by time. Proper planning and sustainable development can be gradually change & remove the problems of land use in Purba Medinipur, West Bengal, India.

Chandan Karan

(Dr.Chandan Karan)



DR. PRANAB SAHOO

**Assistant Professor & HOD , Dept. of Geography
Seva Bharati Mahavidyalaya, Kaptari- Jhargram, WB, INDIA 721505**

Email: pranabsbmg@email.com

Mobile: [9733574640/8637052083](tel:9733574640)

ABOUT THE THEME AND GOALS

Organic cultivation and associated agricultural system that uses ecologically based pest controls and biological fertilizers derived largely from animal and plant wastes and nitrogen-fixing cover crops. The demand for organic food was stimulated in the 1960s by the publication of Silent Spring, by Rachel Carson, which documented the extent of environmental damage caused by insecticides. As well as , Rural Development is the process of improving the quality of life and economic well-being of people living in rural areas, often relatively isolated and sparsely populated areas through Organic agro technology and practices. Rural Development has traditionally centered on the exploitation of land-intensive natural resources such as agriculture and forestry. The need for rural communities to approach development from a wider perspective has created more focus on a broad range of development goals rather than merely creating incentive for agricultural or resource based businesses. Rural development is a comprehensive term. It essentially focuses on action for the development of areas outside the mainstream urban economic system. Other hand, Quality of life (QOL) is the degree to which an individual is healthy, comfortable, and able to participate in or enjoy life events. Standard indicators of the quality of life include wealth, employment, the environment, physical and mental health, education, recreation and leisure time, social belonging, religious beliefs, safety, security and freedom. Rural population (% of total population) in India was reported at 65.07 % in 2020. Over 70 per cent of the rural households depend on agriculture. Agriculture plays a vital role in the Indian economy. Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. As well as, The Jhargram District is the 22nd District of West Bengal which is located in Geospatial region, known as Jungle Mahal. The District consists of eight blocks and one Municipality. Over 82% peoples are rural people those are depending on agriculture also forest. Undulating land surface, Hilly area, Infertile Lateritic soils, insufficient rainfall and scarcity water are the prominent natural constraints to develop of Agriculture and side by side it is only one crop production area. As result, Food crisis, Food insecurity, Malnutrition as well as Quality of life is very poor. The Department of Geography and Tropical Institute of Earth and Environmental Research are jointly involving to build to Sustainable Rural development in Regional level through Organic Agro Technology for societal development also improvement of quality of life among Ancient past fringe people in the Jhargram District during the last five years , specially Pandemic COVID-19 period.

Dr. Pranab Sahoo

Pranab Sahoo.

REPORT OF THE INTERNATIONAL E-CONFERENCE, 2021

The Department of Geography, Seva Bharati Mahavidyalaya, Kapgari, Jhargram, a State Govt. affiliated college under the Vidyasagar University and the Tropical Institute of Earth and Environmental Research (TIEER), Midnapore have Jointly organized a One Day International Conference ,2021 collaboration with UNESCO Gwangju Jeonnam Association, Korea on '*Organic Agro Movement for Sustainable Development and Quality of Life* at Sidhu Kanu Conference Hall in Jhargram District Magistrate Administrative Office Premises on 27th Sep. 2021 in the occasion International Tourism



Day . This Conference was encompassed a wide spectrum of academic theme between interdisciplinary arenas of scientific know-how.

Organic Agro Movement is an admitted and excepted valuable concept and practices in 21st century for substantial local, national, and global benefits. To achieve sustainable development, conserving environment requires – Changes in pattern and practices of economic development worldwide this seminar has been organised. Organic agro agricultural practices and soil conservation sustained only through public awareness and concern are substantially heightened with the help of local people. The climatic associate changes that are comparatively rapid as affect our immediately environment, mainly heat waves in summer, little change of sea level, floods, Drought, Desertification,

cyclone, Cloud burst, Flash-flood and loss of life in Indian sub-continent in recent time. Under these extreme environmental constrains, this is the right time to re-think, re-assess and speak the story of our environment in the context of Jhargram District. The attempt regarding the international conference opened a lot of ways to formulate the goal of sustainable development through the sustainable agricultural practices, modern technology, geo-information technique; and it built the platform for the justification and evaluation of our close circumstances. Based on the perception of regional and local planning, one people preserve their natural capital and good health with the conservation of resources and quality of life in this region of the state. Bottom-top planning which have been discussed in this academic platform definitely encourages the various scope of good for health and quality of life as well as environmental management and sustainable rural development. Academically this conference has an interdisciplinary scope to interact the various expertises on a topic of Organic Agro Movement for Sustainable Development and Quality of Life. All most all the branches of Geography and agricultural science have been participated in this seminar covering different corners of the different countries and our country. More than 250 scholars, researchers and academicians are participated from different countries and states in the off line and online platform. About twenty speakers are delivered lectures on the topic and sub themes. Besides these administrative personalities, bureaucrats as well as decision makers along with MIC & peoples' representatives were gather in this seminar.



The seminar was started with the inaugural programme graced by congregation of notable personalities from the various field of knowledge as well as Jhargram District administrative department. This inaugural programme was chaired by the Principal of the College, Dr. Deba Prasad Sahu and water in plant by the Honourable Vice Chancellor, Sadhu Ram Chand Murmu University of Jhargram, Prof. Dr. Amiya Kr. Panda with the presence of Vice Chairman, UNESCO Gowanju Jennoem Association ,

Korea, Prof. Mukul Basu ; SDO, Jhargram & Administer, Seva Bharati Mahavidyalaya Dr. Babulal Mahata (Exe.), Director of HRDC, University of Calcutta Prof. L. N. Satpati; Prof. B.C.Ghosh; Organic Scientist, IIT , Kharagpur, Prof. Kanchan Bhowmik, Organic Scientist, & National Expert and Also Honourable MIC, Birbaha Hansda etc.



The introductory speech was delivered by the Organising Secretary *Dr. Pranab Sahoo* stating that extreme environmental constrains, this is the right time to re-think, re-assess and speak the story of our environment in the context of Jhargram District as well as India also world from local to Global.

He has mentioned that the international conference opened a lot of ways to formulate the goal of sustainable development through the sustainable agricultural practices, modern technology, geo-information technique evaluation and how to implementation in our agro based society. Based on the perception of regional and local planning, one people preserve their natural capital and good health with the conservation of resources and quality of life in this region of the state. In his welcome address, *Dr. Deba Prasad Sahu* greeted all the dignitaries with warm welcome in this newly formed district also Jungle Mahal. At the very beginning he pointed out the consequences of out lost environment from local level to global scale. Simultaneously, he addressed the various environmental projects launched by Govt. of West Bengal for this district along with the different prospects of development activity to preserve our environment beside the sustainable rural development. Hon'ble Vice Chancellor of Sadhu Ram Chand Murmu university of Jhargram and our inaugurator *Prof. Dr. Amiya Kumar Panda* precisely deliberated the food security and food safety scenario of India pointing the diversity of Indian geographical setting and how the fringe people of India have adopted their livelihood in the different settings of landscape variation and livelihood pattern. *Prof. Binay Chandra*, the president of TIEER and former IC of Vidyasagar University, Midnapore pointed out the role of TIEER and its team for the initiatives of development

programme of sustainable rural development and environment management in the backward region of the state.

Hon'ble Vice President of UNESCO Gwanju Jeannom Association, South Korea and our chief guest *Prof. Makul Basu* precisely deliberated on the food security, peace and quality life. He has pointed that the quality life depend on peace and peace has been dependent on food security.

So, the food security is the main pillar of quality of life and it must be implemented through sustainable agriculture.

Swami Vedapurashananda Maharaj, Secretary, Jhargram Ramakrishna Mission has

delivered a popular lecture on sustainable rural development on the basis of ideology and philosophical thoughts of Swami Vivekananda for quality of life among down trodden people in Jhargram district.

In the 2nd session of the seminar, Hon'ble Smt. Birbaha Hansda , MIC, Govt. of West Bengal has released a theme song on Jhargram Tourism on the occasion of International Tourism Day,2021 which is '*Hank dichhe Jhargram Dak Dichhe Jhargram*', lyricist and composer is Dr. Pranab Sahoo, HoD, Dept of Geography and Secretary , TIEER.

The conference programme was completed with the vote of thanks given by the convener of this seminar *Dr. Subhankar Patra and Dr. Samit Kr. Maiti, Coordinator, IQAC.*



Pranab Sahoo.

Dr. Pranab Sahoo

Organising Secretary

পশ্চিম মেদিনীপুর - ঝাড়গ্রাম

আনন্দবাজার পত্রিকা

১০ আশ্বিন ১৪২৮ সোমবার ২৭ সেপ্টেম্বর ২০২১

জৈব চাষে জীবন বদল, পাশে ইউনেস্কোর সংস্থা

নিজস্ব সংবাদদাতা

ঝাড়গ্রাম

‘টেকসই গ্রামীণ উন্নয়ন ও সুস্থ জীবনের জন্য জৈব চাষাবাদের গতিশীলতা’। জঙ্গলমহলের জেলা ঝাড়গ্রামের গ্রামীণ এলাকার আদিবাসী-মূলবাসীদের মানোন্নয়নে ইউনেস্কোর একটি সংস্থার সহযোগিতায় এমনই পরিকল্পনা বাস্তবায়নে উদ্যোগী হয়েছে জামবনি ব্লকের সেবানারতী মহাবিদ্যালয়ের ভূগোল বিভাগ এবং ‘ট্রপিক্যাল ইনস্টিটিউট অফ আর্থ অ্যান্ড এনভায়রমেন্টাল রিসার্চ’ নামে ঝাড়গ্রামের একটি পরিবেশ গবেষণা সংস্থা। সেই লক্ষ্যে কাল, ২৭ সেপ্টেম্বর ইউনেস্কোর সংস্থার সহযোগিতায় আন্তর্জাতিক স্তরের অনলাইন সম্মেলনের আয়োজন করা হয়েছে।

জেলা প্রশাসনের সিনো-কানহো সভায় থেকে অনলাইন সম্মেলনটি পরিচালনা করা হবে। সম্মেলনের উদ্বোধক হিসেবে ঝাড়গ্রাম বিশ্ববিদ্যালয়ের উপাচার্য অমিয়কুমার পান্ডার থাকার কথা। সেবানারতী কলেজের ভূগোলের বিভাগীয় প্রধান তথা ঝাড়গ্রামের ওই পরিবেশ গবেষণা সংস্থার সম্পাদক প্রণব সাহু জানাচ্ছেন, ঝাড়গ্রামে আলোচনায় যোগ দেবেন জেলার সহ-কৃষি অধিকর্তা (প্রশাসন) অনুপম পাল, মহকুমাশাসক বাবুলাল মাহাতো, ঝাড়গ্রাম রামকৃষ্ণ মিশন আশ্রমের সম্পাদক স্বামী বেদপুরুষানন্দ, সেবানারতী কলেজের অধ্যক্ষ দেবপ্রসাদ সাহু। অনলাইন

ভিডিও ব্যবস্থায় সম্মেলনে কোরিয়া থেকে ভার্চুয়ালি হাজির থাকবেন ‘ইউনেস্কো গোয়াং জু জোনাম অ্যাসোসিয়েশনে’র ভাইস প্রেসিডেন্ট মুকুল বসু। নেপাল সরকারের প্রাক্তন কৃষি অধিকর্তা রাজেন্দ্র উপ্রতি, কলকাতা বিশ্ববিদ্যালয়ের মানবসম্পদ উন্নয়ন কেন্দ্রের অধিকর্তা লক্ষ্মীনারায়ণ শতপথী, প্রাক্তন কেন্দ্রীয় কৃষি কমিশনার পরিতোষ ভট্টাচার্য, আইআইটি খড়গপুরের প্রাক্তন জৈব কৃষি বিজ্ঞানী বিজয়চন্দ্র ঘোষ প্রমুখও ভার্চুয়ালি উপস্থিত থাকবেন। সব মিলিয়ে পাঁচটি দেশের দু’শো গবেষককে নিয়ে এই অনলাইন সম্মেলন হবে।

প্রণব জানাচ্ছেন, প্রশান্ত মহাসাগরীয় এশিয়ার দেশগুলিতে সুস্থ শরীর ও মনে বেঁচে থাকার নানা দিক নিয়ে কাজ করছে ইউনেস্কোর সংস্থাটি। জৈব চাষাবাদের মাধ্যমে সেই কাজ সহজতর হয় বলেই মত সংস্থার। সেবানারতী কলেজের ভূগোল বিভাগ ও ‘ট্রপিক্যাল ইনস্টিটিউট অফ আর্থ অ্যান্ড এনভায়রমেন্টাল রিসার্চ’-এর যৌথ উদ্যোগে গত পাঁচ বছর ধরে ঝাড়গ্রাম জেলায় গ্রামীণ উন্নয়নে সুনির্দিষ্ট কিছু পরিকল্পনা ও তার বাস্তবায়নের পরীক্ষা নিরীক্ষামূলক কাজ চলছে। অতিমারি আবহে জামবনির আদিবাসী-মূলবাসী অধ্যুষিত জামডহরি গ্রাম দস্তক নিয়ে জৈব ও প্রাচীন বামার গড়ে তোলা হয়েছে। প্রণব জানাচ্ছেন, স্থানীয়দের স্থায়ী অর্থনৈতিক ব্যবস্থার উন্নয়ন ও সুস্থ জীবন গড়ে তুলতেই ওই কাজ হচ্ছে। শুরু হয়েছে মাশরুম চাষ,

জলাশয়ে মাছ চাষ, আনাঙ্গ চাষ, সয়াবিন থেকে দুধ, দই পনির তৈরি।

গ্রামবাসী দিলীপ মাণ্ডি, সন্ত মহাতোরা জানাচ্ছেন, কলেজ কর্তৃপক্ষ ও ঝাড়গ্রামের সংস্থাটি তাঁদের এক কুইন্ট্যাল মাছের চারা দিয়েছিলেন। প্রশিক্ষণ শেষে মাছ পালন করে তাঁরা মোট চারা কুইন্ট্যাল পেয়েছেন। আট কেজি মাশরুম বীজ থেকে আশি কেজি মাশরুম হয়েছে। প্রায় ছ’হাজার আনাঙ্গের চারা বিক্রি করেছেন। এছাড়াও হলুদ, ওল, আদা, আনারস, বিউলি ডাল চাষ হচ্ছে। ফল চাষও হচ্ছে। জামডহরি গ্রামের ৬৮টি পরিবারের মধ্যে ২২টি পরিবারের চাষজমি নেই। তাই বাসিন্দাদের বাড়ির সামনে ও পিছনের বালি জমিতে দৈনন্দিন প্রয়োজনের আনাঙ্গ চাষ হচ্ছে। জৈব সারও তৈরি হচ্ছে গ্রামেই। এমনকি মালচিং পদ্ধতিতে বেবি কর্নও চাষ করছেন গ্রামবাসী।

সাক্ষ্যের এই খতিয়ান জানিয়ে প্রণবরা যোগাযোগ করেছিলেন ইউনেস্কোর সংস্থার সঙ্গে। আন্তর্জাতিক ওই সংস্থাটি সাহায্যে আগ্রহী হয়েছে। প্রণব বলছেন, “রাজ্য ও কেন্দ্র সরকারের কাছে আমরা গ্রাম-ভিত্তিক প্রকল্প রূপায়ণের জন্য আবেদন জানাব।” জেলার সহ-কৃষি অধিকর্তা (প্রশাসন) অনুপম পাল বলছেন, “জৈব চাষের মাধ্যমে বাসিন্দাদের সুস্থ জীবন ও অর্থনৈতিক মানোন্নয়নের কাজে কলেজ কর্তৃপক্ষ ও ঝাড়গ্রামের গবেষণা সংস্থাটি পরীক্ষামূলক কাজ করছে। ইউনেস্কোর সংস্থার সহযোগিতায় ও পরামর্শে তাঁরা জেলায় ৮টি ব্লকে কাজ করতে চান।”

DEPARTMENT OF GEOGRAPHY

The Department was established in 2005-2006. Initially it was opened with Geography as a combination subject with B.A / B.Sc general course. Later on, Geography (Hons.) was introduced in the year of 2007. As well, the Department has been performing as regional planning and research consultant authority to Environment management, Ecotourism, Sustainable Agricultural practices in the different Government and Non-Government sector for the Sustainable Rural Development and also societal development in the District. Faculty and students are participated and performed in different events in different Govt. and Non-Govt. Programme. It has produced many genius and excellent academic students who attained various respectable positions in academics and Organization or Non-Organization sectors as well

ABOUT THE COLLEGE

Seva Bharati Mahavidyalaya, a dream - project of Prof. P.K.Sen, is dedicated to the service of the nation through dissemination of higher education for more than fifty five years. The College is situated at Kapgari in the South Western fringe area in Jhargram District of West Bengal. The wonderful atmosphere created by the lush greenery, pollution-free environs, excellent infrastructural facilities, well-qualified and dedicated faculty, and surely, the efficient and liberal administration, have together acted as vital ingredients in the making this Mahavidyalaya par excellence. It comes under the 'Queen of Jungle Jhargram forest area' a linguistically varied and culturally- diversified area, which is populated mostly by the tribal people, and splendidly enriched with their living and throbbing art and culture. The progress of a nation has to be backed by several strong fundamental factors of which education is of vital significance. Seva Bharati Mahavidyalaya is slowly but steadily marching forward with the objective of creating global citizens who would make India proud. At Seva Bharati Mahavidyalaya our focus is on nurturing this enormous intellectual power into a cohesive force that can penetrate through the strongest of barriers. We look ahead with optimism that the future is only going to get better and better. We have an exciting and challenging task ahead.

ABOUT THE UNESCO GWANGJU CHONNAM ASSOCIATION, KOREA

The United Nations Educational, Scientific and Cultural Organization (UNESCO) was founded in 1945 as the successor to the League of Nations' International Committee on Intellectual Cooperation. Its constitution establishes the agency's goals, governing structure, and operating framework. UNESCO's founding mission, which was shaped by the Second World War, is to advance peace, sustainable development and human rights by facilitating collaboration and dialogue among nations. It pursues this objective through five major program areas: education, natural sciences, social/human sciences, culture and communication / information. UNESCO sponsors projects that improve literacy, provide technical training and education, advance science, protect independent media and press freedom, preserve regional and cultural history, and promote cultural diversity. Since the adoption of its Constitution, UNESCO has sought to collaborate with civil society partners such as NGOs for the implementation of its activities and programmes. Over the years, UNESCO has built up a valuable network of cooperation with NGOs having expertise in its fields of competence, i.e. education, natural science, social and human sciences, culture, communication, and information. UNESCO Gwangju Chonnam Association, Korea is the one reputed and renewed association. It has been working on social - Human science, education, culture from the ethical and valuable side of UNESCO for improvement of Quality of Life.

ABOUT THE TIEER

Tropical Institute of Earth and Environmental Research (TIEER), Midnapur, WB, INDIA is an Academic and Environmental Research Organization that was established in 2007. The Organization has been performing as a planning consultant authority for environment management and regional sustainable development through intensive field surveys, research, and innovative methods. The organization has adopted an Ancient people's village in Jhargram District which name is Jamdohori, Jamboni during Pandemic COVID-19 for Sustainable rural development through Organic agro practices to sustainable economic development and improvement of quality of life. The Organization is conducting Green and environmental Audits in different academic institutions (Universities and colleges). The organization has arranged and performed many environmental management programme, such as plantation, plastic management practices, water conservation, and environmental awareness, etc. throughout the year from environmental ethics and social responsibility for the development of society, It also has been arranging different Workshops, Seminars, and Symposiums, etc. at various places among students and local communities.

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