

2nd International Conference on Environment, Forestry and Sustainable Agriculture (2nd ICEFSA 2023)



23-24-25 November 2023

JOINTLY ORGANISED BY:



University of Agricultural Sciences (UAS),
Bangalore

IN COLLABORATION WITH:



International Academy of Science and
Research (IASR), Kolkata, West Bengal



Confederation of Indian Universities (CIU),
New Delhi

VENUE: GKVK Campus (UAS), Bellary Road Bengaluru- 560065, Karnataka

About the Conference

Existence of life on the earth primarily depends upon agriculture, forest, and environment. Climate Change has drastically affected the agriculture sector. Extreme temperature and precipitation has prevented crops from growing. Events, especially floods and droughts, have harmed crops and reduced yields. Trees have been felled recklessly to construct buildings, hotels and motels thereby disrupting the ecosystem and degrading the environment. Anthropogenic factors have caused pollution, destruction of wildlife and massive damage. Measures should be immediately taken to abate this menace, all stakeholders should come together and unanimously fight against environmental pollution. To solve the food crisis the need of the hour is sustainable agriculture.

Sustainable agriculture is farming in such a way to protect the environment, aid and expand natural resources and to make the best use of nonrenewable resources. Sustainable agriculture follows other sustainability practices where the long-term health of ecosystems and society are taken into consideration. The ideal in sustainable agriculture is to conserve water, lessen pesticide and fertilizer use, promote biodiversity in crops and livestock, and prevent soil erosion.

Against this backdrop the Second International Conference on “Environment, Forestry and Sustainable Agriculture” (2nd ICEFSA 2023) has been jointly orchestrated by International Academy of Science and Research (IASR), Kolkata, University of Agricultural Science, Bangalore (UAS, Bangalore) and Confederation of Indian Universities (CIU), New Delhi on 23rd, 24th and 25th November 2023 at the GKV Campus, Bengaluru, UAS Bangalore to vividly discuss on various issues related to environment, forestry and sustainable agriculture.

Themes & Sub Themes

The theme of the conference is “Environment’ Forestry & Sustainable Agriculture”. Agriculturalists, environmentalists, academicians, research scholars and students are requested to send abstracts on the following sub themes mentioned below:

Environment:

Biodiversity Conservation and Management, Aquatic and Marine Ecology, Population and community ecology, Ecosystem functioning and management (e.g., energy, bio-geo-chemical cycle etc.), Climate Change and Global warming, Environmental Pollution and Mitigation Global Environmental Issues, Wetland conservation and management, Environmental Policies and Movements, Sustainable Development, Environmental Chemistry, Waste Management.

Forestry:

Forest Ecology and Wildlife Management, Agro forestry, Natural Resource Management, Forest Biology, Forest Diversity and Conservation, Climate Change and Forestry, Forest Management.

Agriculture:

Agronomy, Soil Science and Agricultural Chemistry, Horticulture, Plant Breeding and Genetics, Crop Physiology and Management, Agricultural Entomology, Plant Pathology, Agricultural Economics and Agribusiness Management.

Horticulture:

Flower Production, Floriculture, Flower Crops including breeding, seed production, Biochemistry and Biotechnology of Flowers, Flori-business Management, Ornamental Crops, Advances technology and Research on Floriculture.

Fruit Sciences:

Fruit Production, Fruit Crops: Breeding, Growth and Development, Genomic, Biotechnology etc, Advances technology and Research on Fruit Sciences.

About University of Agricultural Sciences, Bangalore

HISTORY:

It was Her Excellency Maharani Kempa Nanjammanni Vani Vilasa Sannidhi the Regent of Mysore in 1899 who donated 30 acres of land for Experimental Agricultural Station at Hebbal and appointed Dr. Lehmann, German Scientist to initiate research on soil crop response with Laboratory in the Directorate of Agriculture. Later in 1906, Dr. Leslie Coleman, Canadian Entomologist and Mycologist who succeeded Dr. Lehmann and served with missionary zeal for 25 years. This Experimental Station was allotted 202 acres with 30 acres of wetland, receiving rainfall of 808 mm later. In 1913, Sir M Vishveshwaraiah, the then Diwan of Mysore (1912-1919) played the key role in establishing the Mysore Agriculture residential School at Hebbal in 1913 and appointed Dr. Leslie Coleman, the first Director of Agriculture, Mysore to head this School to offer Licentiate in Agriculture for 15 students annually. In 1946: Mr. MA Srinivasan, Minister of Agriculture, took initiative to establish Agriculture College, Hebbal, for offering four year professional degree program in Agriculture affiliated to the University of Mysore. In 1956, Sri Kengal Hanumanthaiah, the Chief Minister, decided to construct a new building for Agriculture College, and laid the Foundation Stone on 25/Jan/1956. In 1961, GOI constituted Agricultural University Committee headed by Dr. Ralph Cummings of Rockefeller Foundation. The Committee visited Hebbal Bangalore in June 1961 and submitted a favorable report for formation of Agricultural University at Hebbal. In 1963, Government of Mysore headed by Sri S Nijalingappa, CM, in April decided to establish UAS along the lines of Land Grant College system of USA and passed the University of Agricultural Sciences Bill (Act No. 22) which received assent of the President of India on 25th May 1963 to become the Law. The CM granted 1300 acres to Gandhi Krishi Vigjana Kendra Campus. In 1964, Government appointed Dr. KC Naik, M.Sc., Ph.D. (Bristol) working with USAID as the first Vice Chancellor on 12th June 1964.

The UAS was inaugurated by Dr. Zakir Hussain, the Vice President of India on the 21st Aug 1964 in the august presence of Mr. Chester Bowles, the then US Ambassador to India and Sri S Nijalingappa, the then CM. In 1969: Smt. Indira Gandhi, the then Prime Minister, inaugurated GKVK campus on 12th July.

In 1958, Veterinary College, Hebbal was established. On October 1, 1965, the Colleges of Agriculture at Hebbal, and Dharwad, Veterinary College at Hebbal, 35 research stations located all over Karnataka and 45 ICAR schemes which were with the State Department of Agriculture, Horticulture, Animal Husbandry and Fisheries were transferred to the newly established University of Agricultural Sciences, Bangalore. Later, Marine Product Processing Training Centre (MPPTC) at Mangalore and the Krishi Vignana Kendra, Hanumanamatti, Dharwad district were transferred to the University.

The University established Fisheries College at Mangalore in 1969 to offer Bachelor of Fisheries Science training and the Agricultural Engineering Institute at Raichur to offer three year diploma in Agricultural Engineering.

In 1974, Home Science College was started to impart education in rural home science at Dharwad campus, besides establishing a College of Basic Sciences and Humanities and College of Post Graduate Studies at Hebbal.

GROWTH:

The University began its academic activities by offering degree programs in Agriculture and Veterinary disciplines. Later degree program in Fisheries science was added with the establishment of Fishery college at Mangalore. Due to need for horticulture specialization, degree program in Horticulture was added with the establishment of Horticulture college at Mudigere. The degree program in Dairy science was added by starting the Dairy Science College, at Hebbal. The Department of Agricultural Marketing and Cooperation was newly created which commenced the degree program in Agricultural Marketing and Cooperation. The new college of Forestry in Ponnampet, South Kodagu, offered the degree program in Forestry, the new college of Sericulture at Chintamani offered the degree program in Sericulture. The Chintamani campus also offers B.Sc. (Agri) program from 2007. The Department of Agricultural Engineering offered the Bachelors degree in Agricultural Engineering. This heralded ruralization of education utilizing the facilities in the already existing Agricultural Research Stations.

Currently the recently and newly created Karnataka Veterinary, Animal and Fisheries Sciences University with headquarters at Bidar, is offering the Veterinary science, Dairy science and Fishery science degree programs.

OBJECTIVES:

Teaching

- To make agricultural education responsive to the growing and changing needs of the society in general and aspirations of the farming community in particular.
- To establish a dynamic system of agricultural education to train highly skilled and competent manpower to address the challenging tasks with new emerging areas of research, extension and industry.

Research

- To develop suitable end-use technologies to solve farmers' problems vis-à-vis agricultural production including animal husbandry and fisheries and foster research aimed at conceptual advances in all disciplines for technology development in the long run.
- To establish state-of-art infrastructure including well-equipped laboratories, extensive farmlands and an operational research management system that will ensure quick, efficient and cost effective implementation of research programmes.
- To attract qualified and talented personnel to undertake research in the University.

Extension

- To ensure that the research findings and innovations, after their proven demonstration, are communicated to the farmers on a logistically feasible scale. This mechanism acts as an interface between farmers and researchers and enables identification of problems through a positive feedback.
- To reach the knowledge and technology to farmers on a wider scale by training the grassroot level workers and officers of the state departments of agriculture, horticulture and sericulture on recent advances in the respective fields through subject matter specialists.

About International Academy of Science and Research (IASR), Kolkata

International Academy of Science and Research (IASR) has been established on the auspicious occasion of the National Science Day on 28th February 2015 based on its incorporation as a Charity under the Central Act II of 1882, Government of India in Kolkata with the main objective of locating avenues for alternative employment creation besides designing a neological as well as neocratic approach to research and entrepreneurship in the field of Science and research among the younger generation all over the world in general and India in particular with a view to bringing peace on earth in the third millennium by having country wise appropriate solutions for the burning problems like peacelessness, poverty, greed, unemployment, faulty educational, training and research methodologies, religious intolerance, etc. The International Academy of Science and Research (IASR) has decided to design a master plan paradigm (2016-2025) for a new world order.

The activities of IASR will include the strategies for creating more researchers besides transfer of appropriate technologies among the globe for ensuring a balanced and a sustainable growth in all countries of the world by using clean as well as cleaning-up technologies through new and emerging techniques for climate change management, environmental and disaster education, geriatric care, waste management, green business and technologies besides strengthening of diplomatic relations among nations for protecting our Mother Earth.

The idea is also to promote entrepreneurial educational leadership among the school and the college going boys and girls by “Catching Them Young” and for designing appropriate messages for the educators to see that they produce a greater number of job givers rather than job seekers. This will be possible as IASR has the qualified inventory of experts for establishing universities, colleges, institutions, schools and other training enterprises in different countries with the latest equipment and infrastructure for conducting formal, informal, non-formal, open, distance, online, internet and web based employment-centric programmes in all countries of the world.

Call for Abstracts

Any author can send more than one abstract individually / jointly. Abstracts must all be submitted in English. The number of abstracts per presenting author is limited to one in each theme. Both abstracts of oral and poster presentations will appear in the book of abstracts at the time of Conference. The abstract(s) should not have more than 400 words and should be sent as email attachment to: iasr.conference@gmail.com

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1. Abstracts must be submitted electronically as an attachment in MS WORD format via Email: iasr.conference@gmail.com
2. Abstracts should be data oriented reflecting the major findings of the paper.
3. All abstracts will be reviewed by panel of experts and will be selected either for oral or poster presentation.
4. At least one author should register by paying the required registration fee. Only registered participants will be allowed to attend the Conference.
5. The title of the paper centered aligned (Font Size- 14, Style- Times New Roman Bold).
6. Name of the author(s) centered in bold letters (Font Size- 12, Style- Times New Roman Italic).
7. The author(s) should clearly mention their name, affiliation, contact number and e-mail. The name of the corresponding and presenting authors should be specifically mentioned (Font Size- 12, Style- Times New Roman Normal).
8. Keywords (3-5), avoiding duplication with the title.

IMPORTANT DATES

Submission of Abstracts: 30.10.2022

Abstract Acceptance Notification: 5.11.2023

Submission of Registration Fees: 10.11.2023

Accommodation

The Organizing Committee has arranged some rooms in the guest house of University for accommodation of the invited speakers, guests and participants against a minimum payment on availability basis. Beside that a good number of hotels and guest houses are available near the venue. Interested participants email on iasr.conference@gmail.com for their requirement of accommodation as soon as possible or till **15th November, 2023**

IASR Award

IASR recognizes the contribution of scientists, academicians, researchers in the different fields of science research and education. The Institute has instituted several awards to motivate and enhance the spirit of the talented ones in the field of science research and education. The selection of the awards is considered mainly on the basis of merit.

Lifetime Achievement Award for Research/ Teaching (Above 58 years of age. Ph.D. is essential)

Distinguished Scientist/ Academician of the Year Award (Above 55 Years of age. Ph.D. is essential)

Scientist/ Academician of the Year Award (Above 45 Years of age. Ph.D. is essential)

Young Scientist/ Academician of the Year award (32-45 years of age. Ph.D. is essential)

Junior Scientist of the Year Award (Below 32 years of age. Ph.D. is essential)

Junior Researcher Award (Only for the Research Scholars with below 32 Years of age)

World Award for Research and Development (Ph.D. with a good number of research papers, patents etc.)

Science Excellence Award/ Research Excellence Award (Above 50 years of age. Ph.D. is essential)

IASR Excellence Award (For outstanding contribution with Ph.D. for research in the field of agriculture. Environment, Zoology, Botany, Physics, Chemistry, Microbiology, Biotechnology, Biochemistry etc.)

Eminent Scientist/ Agriculturist/ Ichthyologist/ Microbiologist/ Environmentalist/ Ecologist/ Entomologist/ Geneticist/ Parasitologist/ Cytologist/ Taxonomist/ Plant Pathologist/ Physiologist/Biotechnologist/ Anthropologist Award (Above 50 Years of age. Ph.D. is essential)

Environmentalist/ Agronomist/ Entomologist of the Year Award

Vigyan Ratna Award (Above 55 Years of age. Ph.D. is essential)

FELLOW is conferred to the scientists/ academicians in recognition of the outstanding contributions to the field of Academics, Scientific Research, Innovation etc. **Fellows are entitled to suffix “FIAScR” after their name.**

Interested Persons may send their biodata to: iasrindia@gmail.com or Call/ WhatsApp on **9831446832** or visit: www.iasr.ind.in

Last date of Award Application: **30th October, 2023**

Registration Fees

	Non-Members	UASB/ IASR Members
Faculty/ Academician/ Scientist	₹3000	₹2500
Research Scholars	₹2700	₹2300
Student	₹2500	₹2000
Accompanying Person	₹2500	
Foreign Delegate	\$50	

Registration fees include the Registration Kits (Folder, Writing Pad, Pen), Participation/ Presentation Certificate, Breakfast- Lunch- Dinner- Tea for all the conference days.

Participation Certification will not be issued to the accompanying persons.

PAYMENT METHODS

BANK ACCOUNT DETAILS

Name of the Account: **IASR**

Bank & Branch: **HDFC Bank, Bidhannagar Br.**

Account No.: **50200067100349**

IFSC: **HDFC0002697**

PHONEPE/GPAY

9831446832 (Tanmoy Rudra)

Registration fees can be sent only by Bank Transfer through NEFT/ BHIM UPI/ Google Pay/ Phone Pay or any mode of digital Banking

CONFERENCE SECRETARIAT

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