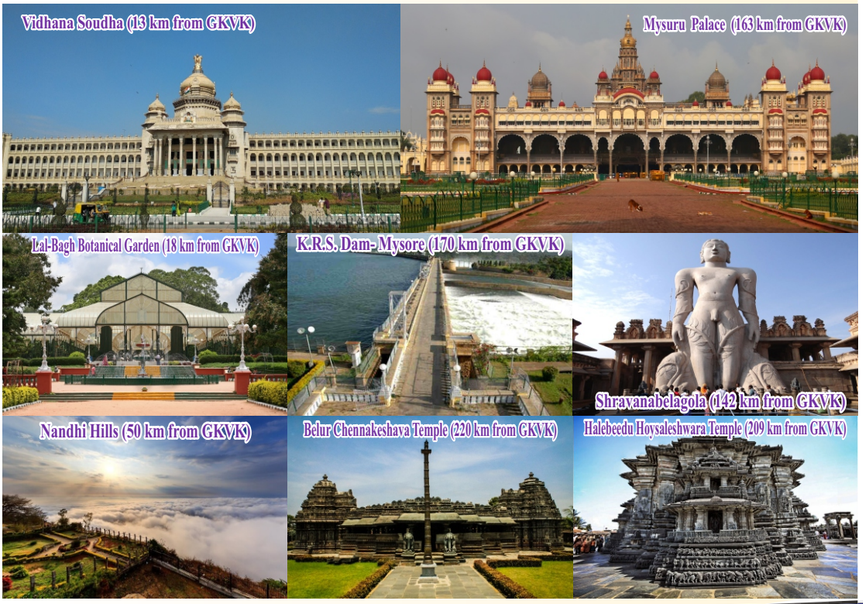
UAS Bengaluru

IIFSR Modipuram

AICRP on integrated farming systems, Bengaluru centre is situated at Main Research Station, Hebbal, Bengaluru and the national symposium on "IFS for 3 E" venue is Gandhi Krishi Vignan Kendra (GKVK Campus), which was established in the year 1964. University of Agricultural Sciences, Bengaluru (UASB) is one among the well recognized SAUs in the country known for its dedication in education, research and extension. It was honoured with Sardar Patel outstanding ICAR Institution Award during 2012 for its outstanding contribution. Bengaluru city is well connected by Air, Rail and Road transport. GKVK is located 14 km away from Central Bus Station and KSR (SBC) railway station and 23 km away from Kempegowda International Airport.

ICAR-Indian Institute of Farming Systems Research, Modipuram is a research institution under Indian Council of Agricultural Research located at Modipuram (Uttar Pradesh). The institute is mandated to develop technologies for enhancing the productivity and income of farmers through appropriate cropping and farming systems. The institute is operating AICRP on Integrated Farming Systems with 74 centres spread in 23 states and 2 UTs. Network Project on Organic Farming (NPOF) with 20 centres in 16 states is also an integral part of the institute. The institute has developed 45 integrated farming system models at research farms of ICAR institutes/SAUs and refined 63 farming systems with farmers partipcatory research. POP's for organic production of 51 cropping systems suitable for 12 states have been developed. The institute also played a vital role in formulating policy for promotion of IFS and organic farming in India.



Organizing Committee

- **Dr. S. Rajendra Prasad,** Vice Chancellor, UAS, Bengaluru
- **Dr. S. Bhaskar,** Assistant Director General (Agronomy, Agroforestry and Climate Change), ICAR, New Delhi
- **Dr. A.S. Panwar,** Director, ICAR- Indian Institute of Farming Systems Research, Modipuram, Meerut, Uttar Pradesh
- **Dr. Y.G. Shadakshari,** Director of Research, UAS, Bengaluru
- **Dr. T.K. Prabhakara Setty,** Former Director of Research, UASB and President, ISA- Bengaluru chapter
- **Dr. K.N. Kalyana Murthy,** Professor and Head, Dept. of Agronomy, UAS, Bengaluru
- **Dr. M.L. Jat,** Principal Scientist / Systems Agronomist, CIMMYT, New Delhi
- **Dr. Sanjay, M.T.,** Agronomist and Head, AICRP on IFS, UAS, Bengaluru
- **Dr. Mahin Sharif,** Jr. Economist, AICRP on IFS, UAS, Bengaluru

Convener :

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Professor and Head, Dept. of Agronomy
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UAS, GKVK, Bengaluru – 560 065

Co-Convener :

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ICAR- Indian Institute of Farming Systems Research,
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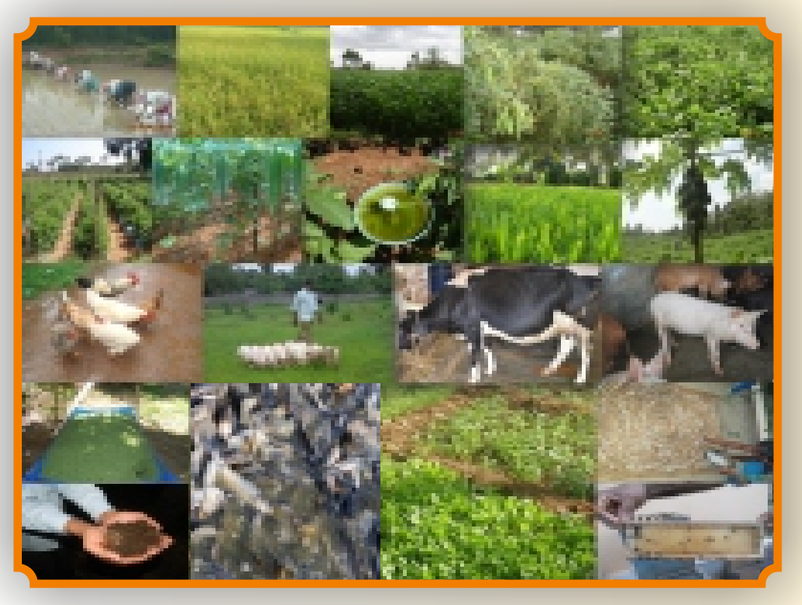
CIMMYT
International Maize and Wheat Improvement Center

National Symposium on
Integrated Farming Systems for 3Es
(Ecological Sustainability, Enhanced Productivity and Economic Prosperity)

23rd – 24th December, 2018



Organizers :

University of Agricultural Sciences, Bengaluru
ICAR-Indian Institute of Farming Systems Research, (IIFSR), Modipuram
Indian Society of Agronomy – Bengaluru chapter, UAS(B)
Indian Council of Agricultural Research, New Delhi
International Maize and Wheat Improvement Center (CIMMYT), New Delhi

National Symposium theme

The **Integrated Farming System** (IFS) plays a vital role in maximizing the farm profits, optimizing the agricultural production and also aids in meeting the nutritional requirement of the farm family which imparts nutritional security with minimal external investment and efficient use of available farm resources. Further, IFS approach has a greater advantage in recycling of farm byproducts and full engagement of the available family labour, which not only ensures the efficient resource utilization but also provides continuous employment in farming sector. The regular flow of income from other enterprises like dairy, sheep, goat, piggery, sericulture, apiculture, mushroom cultivation *etc*., imparts income stability to the farm family which considerably prevents the farmers to rely on the informal sources of credit and also helps in purchase of required agri-inputs at the appropriate time. In IFS approach, farmers diversify the risks associated with the agricultural production like physical risks (weather), biological risks (pests and diseases), market risks and to certain extent personal risks which increases the risk bearing ability of the farmer and instill higher level of confidence and self respect among the farming community. Very importantly, IFS approach addresses the sustainable issues of agricultural production and it helps in achieving the seven sustainable development goals (SDG-2030) of United Nations *i.e.* no poverty, zero hunger, good health and well being, responsible consumption and production, climate action, life below water and life on land.

Vision 2030 suggested that the integration of mono - crop agriculture with agro forestry, pisciculture and animal husbandry are important components for resource utilization, enhancing farm income and livelihood security of farmers. Efficient utilization of scarce and costly resources is the need of the hour to make crop production a viable proposition in the present day competitive scenario. The crop residues and biomass available in plenty in the crop production system need to be properly managed to harness the full benefits. Improving the integrated approach not only enhances farm income but also overcome environmental pollution. Following the concept of Integrated farming systems through supplementation of allied agro-enterprises by recycling the waste of one enterprise in another is a right step in this direction. It provides alternate and sustainable avocation to marginal and sub-marginal farmers.

Indian agriculture has challenge of providing national as well as household food and nutritional security to its teeming millions in a scenario of plateauing genetic potential in all major crops. Wide-spread occurrence of ill-effects of green revolution technologies in all intensively cultivated areas is threatening the sustainability of the important agricultural production systems and national food security. In order to address the emerging challenges and for doubling farmer's income over the next 5 years, it is planned to organize National Symposium at the University of Agricultural Sciences, Bengaluru with a theme "Integrated Farming Systems for 3Es (ecological sustainability, enhanced productivity and economic prosperity)" and following sub-themes :

I. Suitable IFS modules / models for different agro-ecosystems of India

• Western Himalayan region, • Eastern Himalayan region, • Lower Gangetic Plains, • Middle Gangetic Plains, • Upper Gangetic Plains, • Trans Gangetic Plains, • Eastern Plateau and Hills, • Central Plateau and Hills, • Western Plateau and Hills, • Southern Plateau and Hills, • East Coast Plains and Hills, • West Coast Plains and Ghat, • Gujarat Plains and Hills, • Western dry Region and • Islands.

II. Eco system service or C neutral farming systems

III. Assessment and evaluation of system productivity, income and resource use of different IFS models

• Natural resource management, • Climate resilient IFS practices, • Energetics • Entrepreneur diversification, • Carbon stock and environmental safety, • Nutrient use efficiency, water use efficiency, recycling of wastes, • Pest, disease surveillance including management, • Post harvest management and industrial linkage, • Economic analysis of IFS and • Risk management

IV. Advances in Farming Systems Research

- Farming systems typology
- Farm design and
- Statistical tools for farming systems data analysis

V. Policy issues and public-private partnership in promoting IFS

- Role of Government Institutions and NGO's
- Role of private sector – private public modules
- Convergence of different Government schemes for promotion of IFS.

Call for papers

The organizers invite abstracts within **500** words (maximum two per author) from researchers, academicians, policy planners, NGO's / extension professionals and students regarding the themes mentioned. The technical sessions comprise invited talks by renowned scientists across the country. Separate poster sessions will be held during the technical sessions. The interested participants are requested to send the abstracts of their proposed manuscripts by **5th December, 2018** to **nsifs3e@gmail.com**. The abstract should be 12 font, double spacing, A4 size typed in Times New Roman with 25 mm margin all round in MS-word format. The title of the abstract should be 14 font size, Times New Roman, bold letters. Complete details of the authors should be provided along with the mail id and phone numbers. Abstracts submitted after the last date will not be included in the Proceedings.

Delegates attending the national symposium will be provided accommodation at guest houses/hotels on request and on payment basis. Request for accommodation may be sent well in advance to avoid last minute inconvenience. Hotel booking is subject to advance payment of one day room charge. Please contact Dr. T. V. Venkatesh Murthy (9845642122), Dr. Hanumanthappa D.C. (9880019697, dhdeeta@gmail.com) and Dr. Mahin Sharif (9449318177, sharif.mahin@gmail.com) for accommodation facilities.

Important dates

Sl. No.	Particulars	Dates
1	Last date for submission of abstracts	05.12.2018
2	Acceptance of abstracts	07.12.2018
3	Last date for submission of full length papers	10.12.2018
4	Submission of registration fee	10.12.2018

Registration Fee

Categories	Registration Fee (Rs.) Last date is 05.12.2018	Spot registration (Rs.)
Delegates	3000/-	3500/-
Students	750/-	1000/-
Accompanying person	1000/-	1500/-
Foreign delegates	US $ 50	US $ 75

Registration form

National Symposium on

Integrated Farming Systems for 3Es

(Ecological Sustainability, Enhanced Productivity and Economic Prosperity)

23rd – 24th December, 2018 at University of Agricultural Sciences, Gandhi Krishi Vignan Kendra, Bengaluru – 560 065, Karnataka

1.	Name (in block letters)	
2.	Designation and mailing address Pin	
3.	Telephone / Mobile No.	
	Fax and E-mail	
4.	Registration Fee (Rs.)	
5.	Draft No. and Date Amount (Rs.) Online transfer date	
6.	Title of Abstract / paper	
7.	Abstract paper (2) copies with CD or E-mail enclosed	
8.	Place and Date	

Signature

Accommodation request form

1.	Name (in block letters)	
2.	Designation and mailing address Pin	
3.	Telephone / mobile No.	
	Fax	
	E-mail	
4.	No. of accompanying persons with details	
5.	Travel Plan Date and mode of arrival Date and mode of departure	
6.	Place and Date	

Signature