IMPORTANT DATES

Registration and Submission of Abstract	:	November 25, 2022
Communication of acceptance of paper	:	November 27, 2022
Full Paper Submission	:	December 03, 2022
Intimation letter to participants	:	December 05, 2022
Conference	:	December 15-17, 2022

NATIONAL ADVISORY COMMITTEE

Patron : **Dr Himanshu Pathak**
Secretary DARE & Director General, ICAR

Chairman : **Dr. A.K.Singh**
Deputy Director General (Horticultural Science)

Co-Chairman : **Dr. Vikramaditya Pandey**
Assistant Director General (Horticultural Science-I),
ICAR, New Delhi

Advisors : **Dr. S.K. Chakrabarti**
Vice Chancellor, Uttar Banga Krishi Vishwavidyalaya

Dr.Jiju P Alex
Member, Kerala State Planning Board

Dr. G. Gopakumaran Nair
Chief General Manager,
NABARD, Thiruvananthapuram

CONTACT US

Dr. V. S. Santhosh Mithra, Principal Scientist

Organizing Secretary, SmartIF 2022
ICAR - Central Tuber Crops Research Institute
Sreekariyam, Thiruvananthapuram,
Kerala - 695017.
Contact me : 0471-2598551(110-extn)
09495155965(M)

Email : smartifctcri2022@gmail.com

ORGANISING COMMITTEE

Chairman : **Dr. M. N. Sheela**
Director,
ICAR - CTCRI, Sreekariyam

Co-Chairman : **Dr. J. Sreekumar**
Vice President ISRC & Principal Scientist
ICAR - CTCRI, Sreekariyam

Organising Secretary : **Dr. V. S. Santhosh Mithra**
Principal Scientist,
ICAR - CTCRI, Sreekariyam

Members : **Dr.V.VENKATASUBRAMANIAN**
FIASC,FIAAVR,FUWA
Director,ICAR-ATARI,Bengaluru
Dr.M.S.Sajeev
SIC, Crop Utilization, ICAR-CTCRI
Dr.G.Byju
Head, Crop Production, ICAR-CTCRI
Dr.Sheela Immanuel
SIC, ESS, ICAR-CTCRI
Dr.M.L.Jeeva
Head, Crop Protection, ICAR-CTCRI
Dr.S.Sunitha
Principal Scientist, ICAR-CTCRI
Dr.S.S.Veena
Principal Scientist, ICAR-CTCRI
Dr.V.Ramesh
Principal Scientist, ICAR-CTCRI
Dr.T.Makeshkumar
Principal Scientist, ICAR-CTCRI
Dr.K.I.Asha
Principal Scientist, ICAR-CTCRI
Dr.C.Visalakshichandra
Scientist, ICAR-CTCRI &
Joint Secretary, ISRC
Dr.Jayanta Tarafdar
Professor,
BCKV, Kalyani, West Bengal

SmartIF

NATIONAL WORKSHOP

SMART MANAGEMENT OF AGRICULTURAL RESOURCES FOR TRANSFORMING INDIAN FARMS

December 15 - 17, 2022

Organized by

INDIAN SOCIETY FOR ROOT CROPS
THIRUVANANTHAPURAM, KERALA

&

CTCRI

ICAR - CENTRAL TUBER CROPS RESEARCH INSTITUTE
THIRUVANANTHAPURAM, KERALA

For more information scan the QR code

ABOUT THE WORKSHOP

Artificial Intelligence (AI), the technology which is booming high in the present world is sufficiently capable to take up the challenges in Agriculture in a smarter way. Smart farming (SF), the technology where the potentials of AI is integrated with mechanization, sensors and many other areas of information and communication technologies (ICT) is all set to revolutionize food sector. Sustainable use of natural resources for increasing production and at the same time protecting the environment are the major objectives of smart farming. Smart farming helps to minimize the input application and at the same time increase the productivity many folds. Collection and analysis of the data in agriculture with the help of ICT technologies is the basis of Smart farming. Use of smart devices and sensors for data collection is one of the major factors of its success. Devices under the category Internet of Things (IoT) is the most important component as far as smart farming is concerned. Components of IoT devices are connected through internet. IoT devices play a very important role in implementing SF by which farming reaches new heights. Smart farming is getting enriched day by day with the developments in ICT and AI. Developed countries have already jumped into smart farming to realize another green revolution with this technology. In this context such a workshop is proposed to have a national level discussion on the potentials the AI/IoTs and other recent developments in ICT to provide technological solutions to multitude of problems faced in agriculture with special reference to tuber crops. The workshop will have presentations from experts from different parts of the country.The workshop is proposed in continuation to the various programme ICAR-CTCRI is undertaking in the field of smart farming and applications of Artificial Intelligence in Agriculture.

ABOUT THE VENUE

The ICAR- Central Tuber Crops Research Institute, Thiruvananthapuram, a premier institute under Indian Council of Agricultural Research, New Delhi is the only institution in the world, dedicated exclusively for research on tropical root and tuber crops. It is located at a panoramic location about 12 km north of the Thiruvananthapuram city. Thiruvananthapuram, the capital city of 'God's own Country' Kerala, is well connected by road, rail and air. The weather during December is pleasant with temperatures ranging from 22 to 29°C. The picturesque locales of Kanyakumari, Kovalam, Veli backwaters, and Varkala cliffs are at approachable distances from the Institute.

OBJECTIVES

The objective of the workshop is to have a National level discussion on the potentials the AI/IoTs and other recent developments in ICT to provide technological solutions to multitude of problems faced in agriculture. The workshop will have presentations from experts from all over the country.

THEME AREAS

1. New trends in Smart Farming
2. Models – The Foundation Stone of Smart Farming
3. Applications of Drones in Agriculture
4. Indulging AI to make farming intelligent.

REGISTRATION

Participants are requested to submit the attached registration form duly filled by them along with the prescribed registration fee in the form of a crossed Demand Draft drawn in favour of SmartIF payable at State Bank of India, Sreekariyam or through online transaction (Account Name : SMARTIF, Account No:41417289471, IFSC Code: SBIN0070288, Branch: Kallampally Junction Sreekaryam). The following are the fee structure for various categories of the participants.

Registration fee
- Delegates: Rs 7000/-
- Student delegates: Rs 2000/- (Attach bonafied proof)
- Accompanying person: Rs 2000/-

Scan & Pay

Registration fee includes participation in the workshop, lunch, refreshments, workshop bag, abstract book, workshop proceedings, welcome reception and closing ceremony.

Few slots will only be available for spot registration. However, workshop materials cannot be guaranteed to the spot registration delegates.

WHO CAN PARTICIPATE ?

The conference is open to all the individuals interested in the theme areas of the conference.

CALL FOR ABSTRACT AND FULL PAPER

There will be oral presentations which will be decided by the expert review team. Oral presentations include keynote addresses and invited lectures by eminent speakers from R & D, academic institutions and industries, and also contributory papers by researchers. Authors who wish to present the paper should upload the abstract (not more than 300 words) of the proposed paper through the conference website (www.ctcritools.in/smartif) before November 25th, 2022 or it can also be mailed to the organizing secretary (e-mail:smartifctcri2022@gmail.com). Acceptance of the paper will be intimated to the authors on or before November 27th, 2022. The full text, not more than 1500 words of the accepted paper should be submitted before December 3rd, 2022 .The intimation letter to those would be send by December 5th,2022 The peer review team evaluates the papers and place them in appropriate theme areas.

BEST PAPER AND YOUNG SCIENTIST AWARD

Participants below 45 years can compete for Young scientist award. Contestants for the Young Scientist award should submit their nomination form duly forwarded by the Head of the Department or Institution (for more details, please see www.ctcritools.in/smartif). An attested copy of the documentary evidence of age is to be submitted along with the registration form, and its original needs to be produced for verification at the workshop venue.

ACCOMODATION

Accommodation for the delegates, if required can be arranged near ICAR-CTCRI or Thiruvananthapuram city. Detailed tariff rates for various categories of hotel near the venue can be obtained from the conference web site. Advance payment (100%) is required for hotel booking. Limited student accommodations in hostel/dormitory are available on first cum first serve basis at concessional rates. Charges should be sent by DD payable at SBI, Sreekariyam or through online transaction (Account Name : SMARTIF, Account No:41417289471, IFSC Code: SBIN0070288, Branch: Kallampally Junction Sreekaryam)for room booking.

Scan & Pay
Merchant name : SMARTIF
UPI ID : 9446848277@SBI